

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117400.D
 Acq On : 14 Oct 2019 14:23
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 14:59:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	63456	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	272895	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	136524	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	206570	20.00	ng	0.00
76) Chrysene-d12	13.97	240	123237	20.00	ng	0.00
87) Perylene-d12	15.42	264	105575	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	643026	158.21	ng	0.00
7) Phenol-d6	6.46	99	841137	160.13	ng	0.02
23) Nitrobenzene-d5	7.37	82	840244	161.78	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	167238	146.57	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1425710	163.28	ng	0.00
79) Terphenyl-d14	12.91	244	1225787	185.92	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	133851	78.701	ng	99
3) Pyridine	3.26	79	364233	78.243	ng	98
4) n-Nitrosodimethylamine	3.25	42	133106	83.320	ng	90
6) Aniline	6.47	93	518978	76.739	ng	# 77
8) 2-Chlorophenol	6.59	128	353549	80.632	ng	93
9) Benzaldehyde	6.35	77	160465	55.947	ng	99
10) Phenol	6.47	94	462254	79.827	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	359753	84.530	ng	98
12) 1,3-Dichlorobenzene	6.74	146	397354	80.759	ng	100
13) 1,4-Dichlorobenzene	6.82	146	401181	79.897	ng	99
14) 1,2-Dichlorobenzene	6.97	146	379081	81.088	ng	97
15) Benzyl Alcohol	6.96	79	326510	81.059	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	373863	88.914	ng	75
17) 2-Methylphenol	7.07	107	297823	81.045	ng	# 88
18) Hexachloroethane	7.30	117	156700	81.122	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	274650	85.868	ng	96
20) 3+4-Methylphenols	7.23	107	371185	81.092	ng	99
22) Acetophenone	7.22	105	549165	79.205	ng	# 95
24) Nitrobenzene	7.39	77	404300	78.825	ng	99
25) Isophorone	7.63	82	748280	81.370	ng	98
26) 2-Nitrophenol	7.70	139	188807	85.700	ng	96
27) 2,4-Dimethylphenol	7.75	122	280527	80.295	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	459882	81.168	ng	97
29) 2,4-Dichlorophenol	7.95	162	286460	78.252	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	314371	79.487	ng	98
31) Naphthalene	8.10	128	1041040	79.320	ng	99
32) Benzoic acid	7.95	122	216390	88.064	ng	90
33) 4-Chloroaniline	8.16	127	425425	73.082	ng	97
34) Hexachlorobutadiene	8.22	225	179732	80.100	ng	99
35) Caprolactam	8.57	113	73650	59.439	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	327011	76.610	ng	97
37) 2-Methylnaphthalene	8.79	142	692307	78.333	ng	96
38) 1-Methylnaphthalene	8.89	142	662539	80.041	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	285590	81.009	ng	100

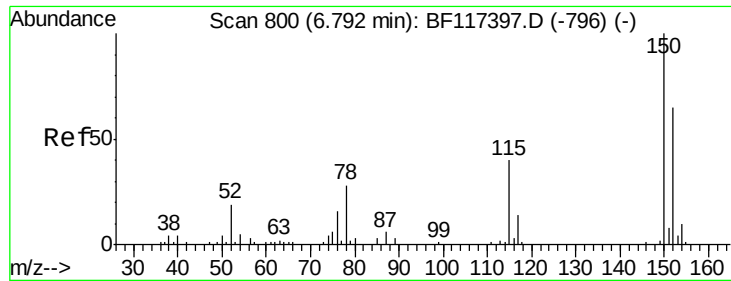
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	86985	65.599	ng	94
43) 2,4,6-Trichlorophenol	9.08	196	181200	75.738	ng	96
44) 2,4,5-Trichlorophenol	9.13	196	183018	71.600	ng	97
46) 1,1'-Biphenyl	9.26	154	851601	79.522	ng	98
47) 2-Chloronaphthalene	9.29	162	668717	79.123	ng	99
48) 2-Nitroaniline	9.39	65	212619	78.432	ng	99
49) Acenaphthylene	9.70	152	963287	76.083	ng	99
50) Dimethylphthalate	9.56	163	753258	77.924	ng	100
51) 2,6-Dinitrotoluene	9.64	165	160990	81.772	ng	# 86
52) Acenaphthene	9.87	154	587400	78.265	ng	97
53) 3-Nitroaniline	9.81	138	187664	75.549	ng	93
54) 2,4-Dinitrophenol	9.93	184	72769	104.421	ng	# 87
55) Dibenzofuran	10.05	168	840023	75.859	ng	97
56) 4-Nitrophenol	9.99	139	90554	56.248	ng	93
57) 2,4-Dinitrotoluene	10.05	165	206461	80.788	ng	93
58) Fluorene	10.39	166	706379	79.190	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	132621	67.800	ng	98
60) Diethylphthalate	10.26	149	749035	78.761	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	310091	80.347	ng	95
62) 4-Nitroaniline	10.43	138	175049	67.763	ng	100
63) Azobenzene	10.54	77	776909	79.986	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	95304	109.926	ng	92
66) n-Nitrosodiphenylamine	10.50	169	607494	85.154	ng	97
67) 4-Bromophenyl-phenylether	10.86	248	176534	83.682	ng	96
68) Hexachlorobenzene	10.95	284	193683	83.941	ng	# 88
69) Atrazine	11.02	200	45687	26.071	ng	99
70) Pentachlorophenol	11.14	266	65096	60.186	ng	96
71) Phenanthrene	11.35	178	933303	79.545	ng	99
72) Anthracene	11.40	178	962433	80.346	ng	100
73) Carbazole	11.56	167	867943	76.335	ng	99
74) Di-n-butylphthalate	11.87	149	1191026	88.042	ng	99
75) Fluoranthene	12.54	202	902989	74.901	ng	98
77) Benzidine	12.66	184	102885	25.917	ng	96
78) Pyrene	12.77	202	900844	87.118	ng	100
80) Butylbenzylphthalate	13.37	149	455862	93.298	ng	98
81) Benzo(a)anthracene	13.96	228	666387	80.935	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	162353	61.190	ng	98
83) Chrysene	14.00	228	646234	80.473	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	639273	101.474	ng	96
85) Di-n-octyl phthalate	14.54	149	921386	92.923	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	507020	86.541	ng	98
88) Benzo(b)fluoranthene	15.00	252	498377	77.932	ng	98
89) Benzo(k)fluoranthene	15.03	252	485077	80.074	ng	98
90) Benzo(a)pyrene	15.36	252	452256	80.591	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	421846	94.362	ng	97
92) Benzo(g,h,i)perylene	17.32	276	415229	93.209	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

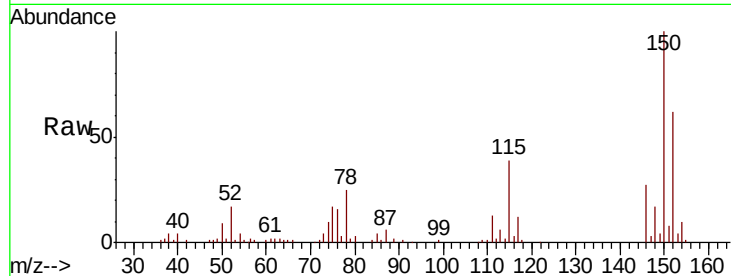


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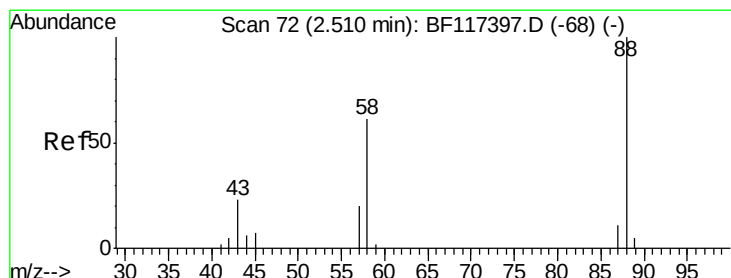
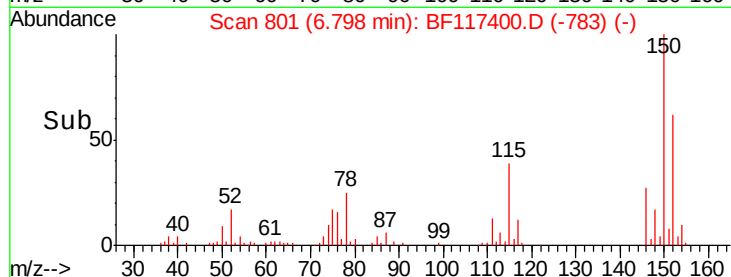
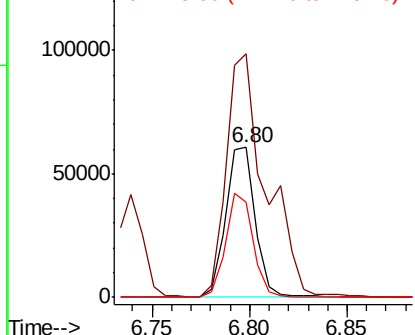
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63456
Ion Ratio Lower Upper
152 100
150 162.4 122.7 184.1
115 63.3 48.6 73.0



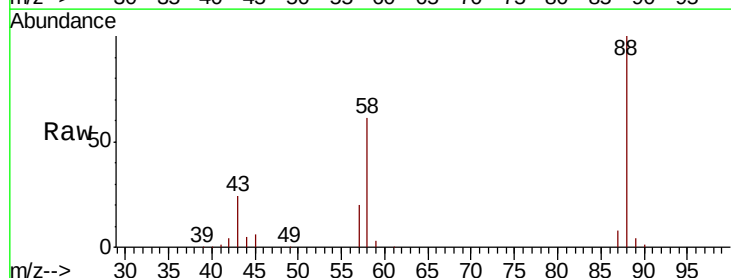
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



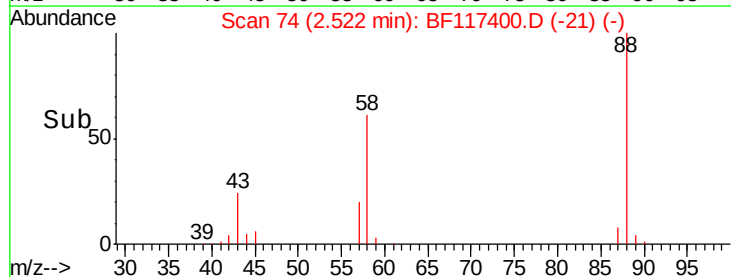
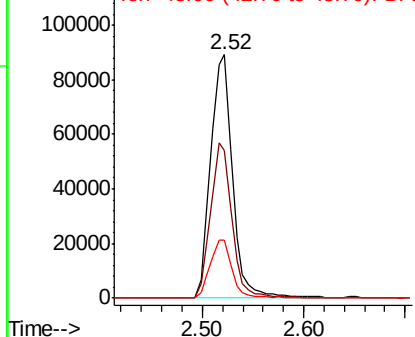
#2

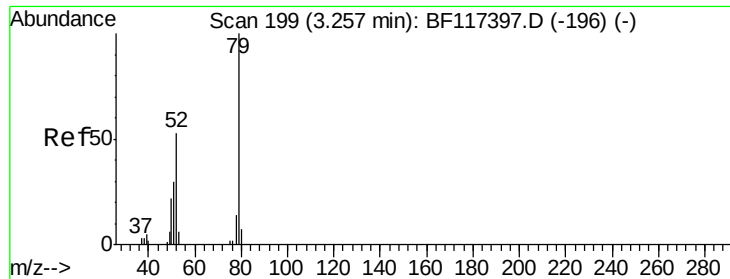
1,4-Dioxane
Concen: 78.701 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 88 Resp: 133851
Ion Ratio Lower Upper
88 100
58 62.3 49.4 74.2
43 23.8 18.1 27.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

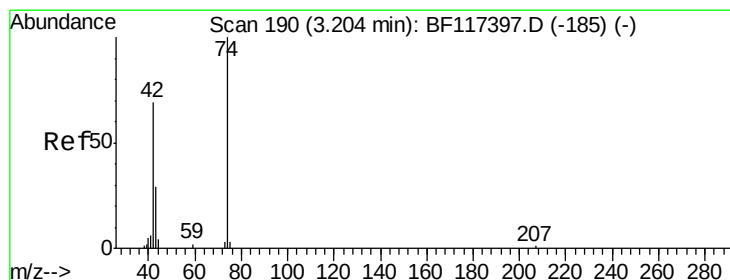
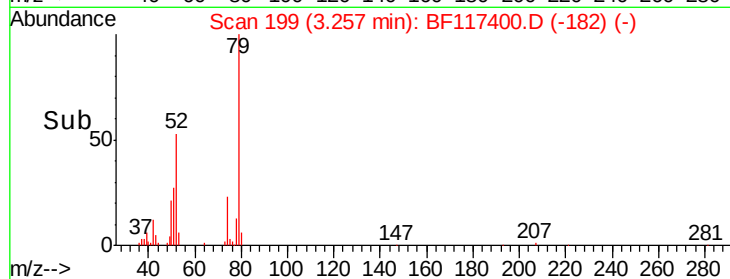
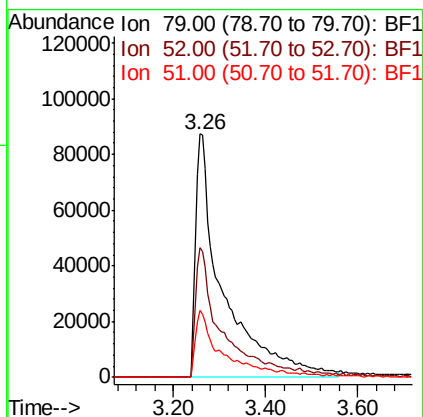
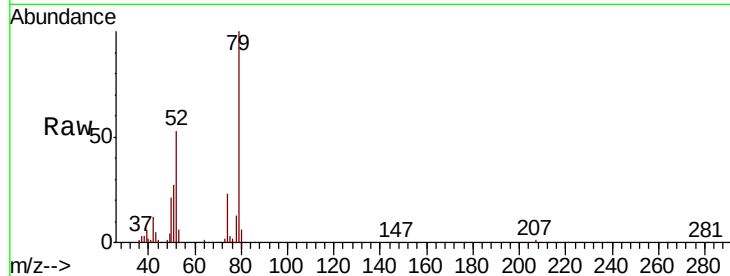




#3
 Pvridine
 Concen: 78.243 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

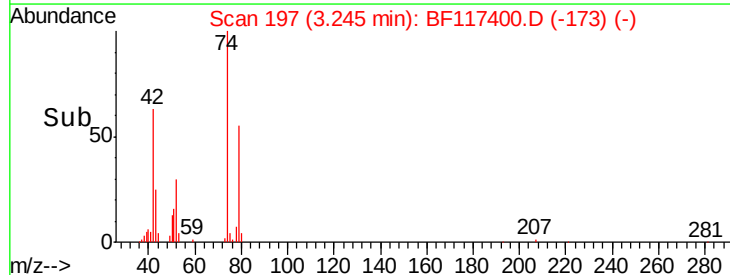
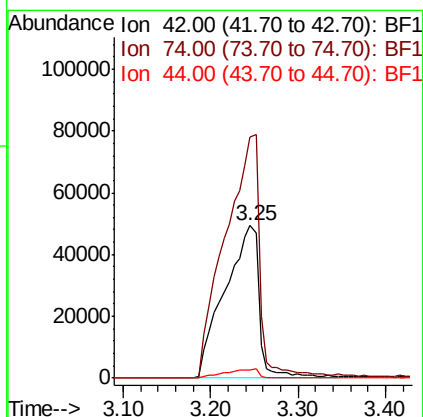
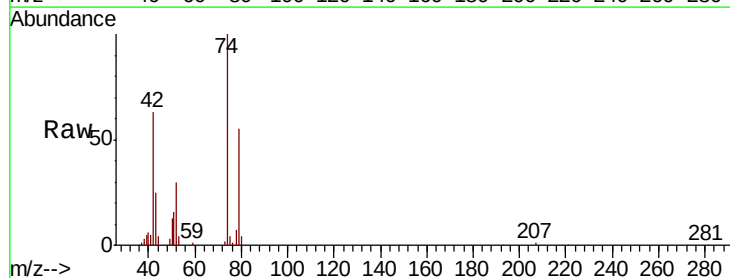
Instrument :
 BNA_F
 ClientSampled :

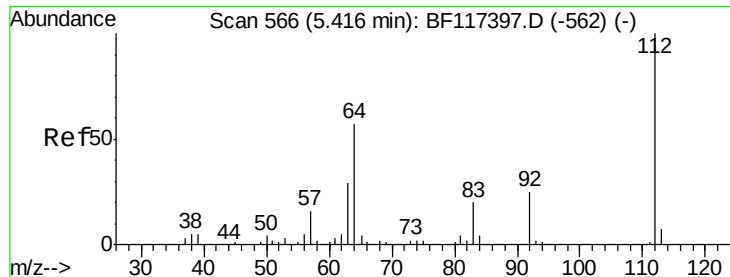
Tot Ion: 79 Resp: 364233
 Ion Ratio Lower Upper
 79 100
 52 53.4 42.7 64.1
 51 27.4 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 83.320 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.04 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion: 42 Resp: 133106
 Ion Ratio Lower Upper
 42 100
 74 157.6 116.2 174.4
 44 5.6 4.2 6.4





#5

2-Fluorophenol

Concen: 158.208 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampled :

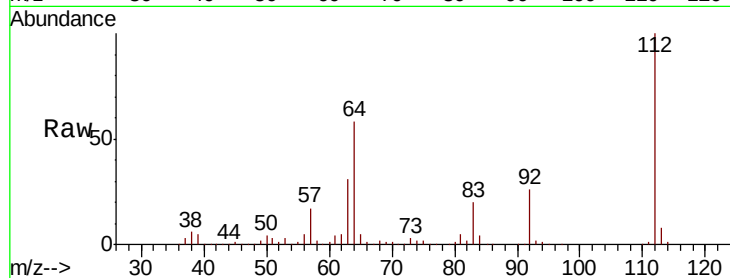
Tot Ion: 112 Resp: 643026

Ion Ratio Lower Upper

112 100

64 58.4 45.2 67.8

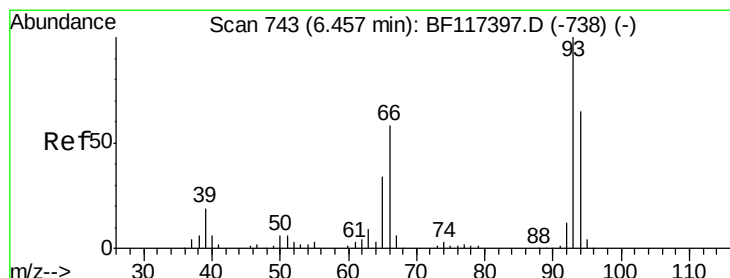
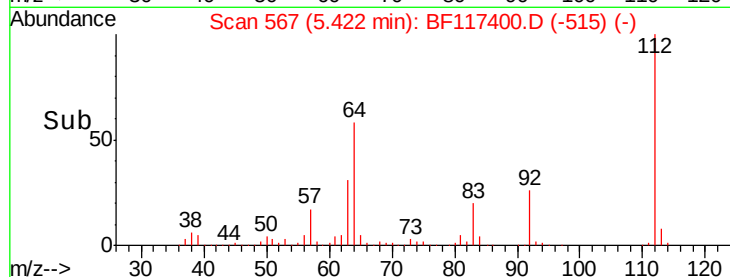
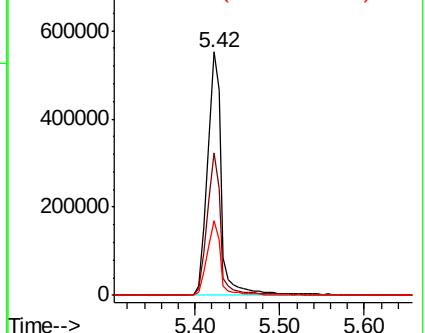
63 30.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 76.739 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

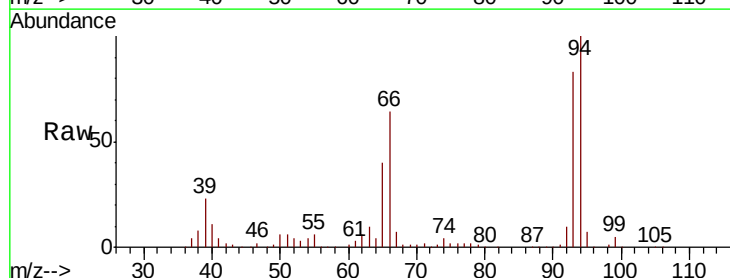
Tgt Ion: 93 Resp: 518978

Ion Ratio Lower Upper

93 100

66 77.7 48.4 72.6#

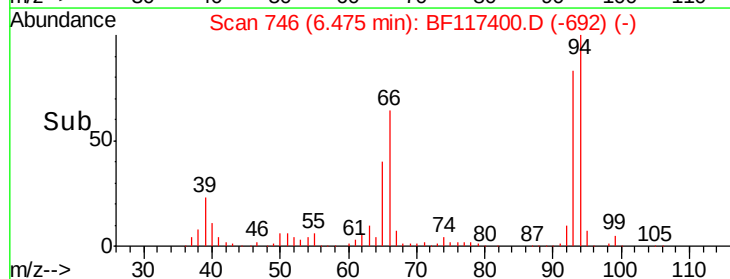
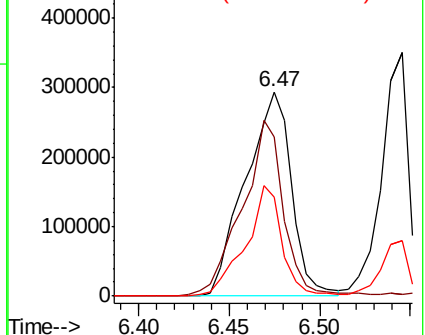
65 48.6 27.8 41.6#

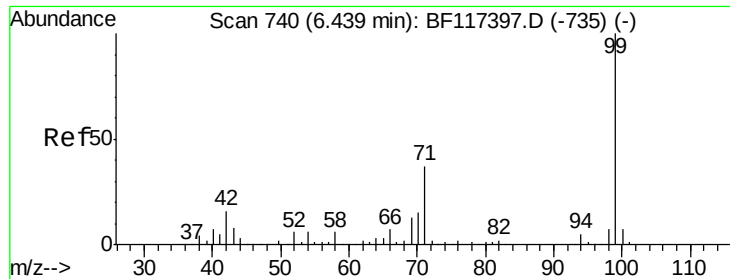


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 160.134 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

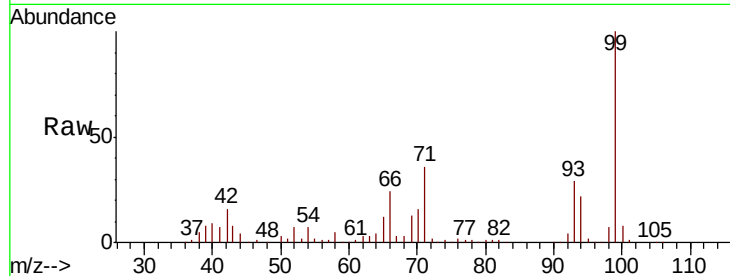
Tot Ion: 99 Resp: 841137

Ion Ratio Lower Upper

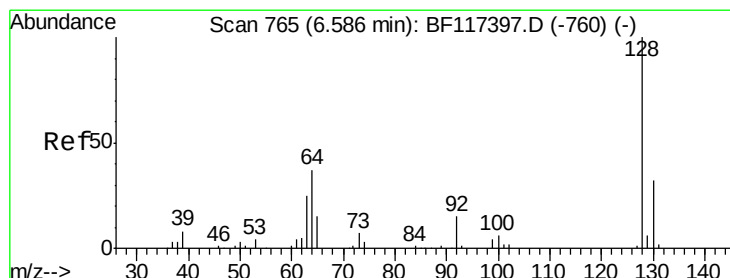
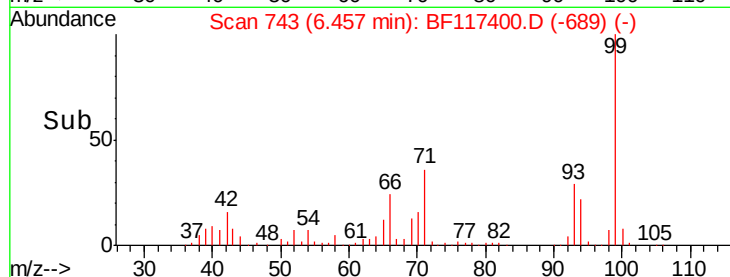
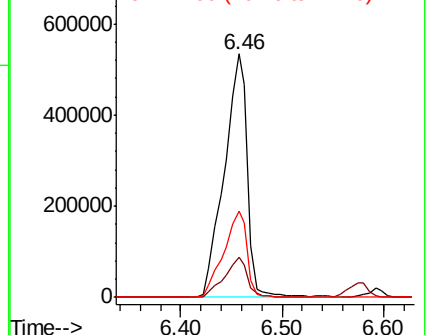
99 100

42 16.4 12.5 18.7

71 35.5 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 80.632 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

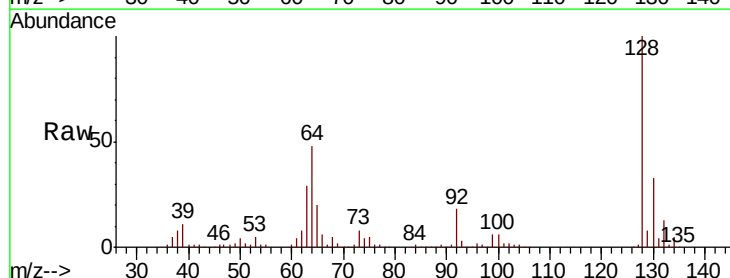
Tgt Ion: 128 Resp: 353549

Ion Ratio Lower Upper

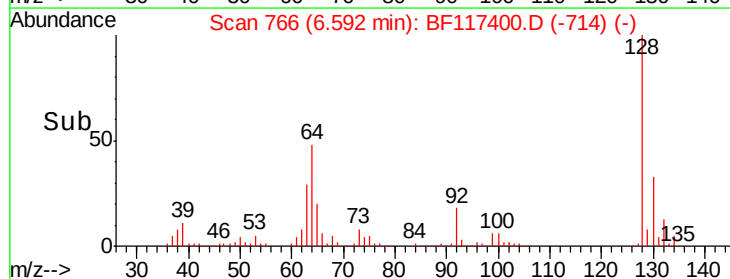
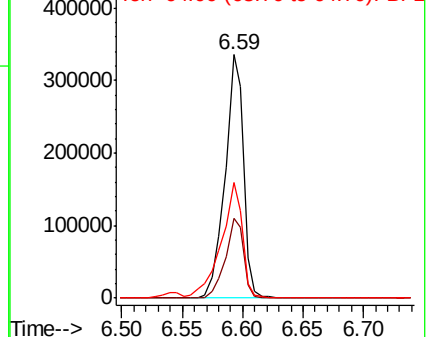
128 100

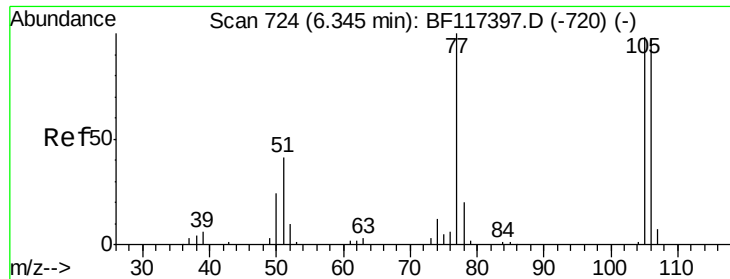
130 32.7 11.7 51.7

64 47.6 20.4 60.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 55.947 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampled :

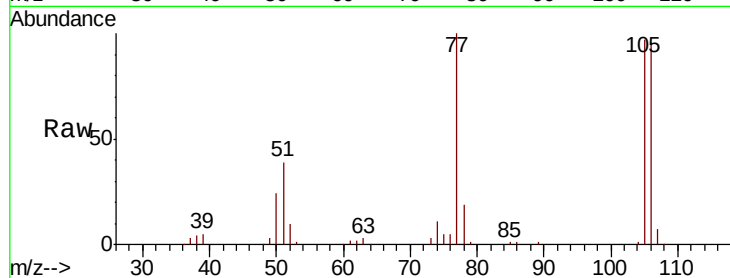
Tot Ion: 77 Resp: 160465

Ion Ratio Lower Upper

77 100

105 97.4 77.9 117.9

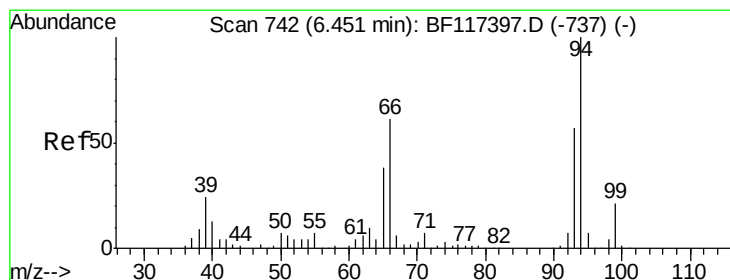
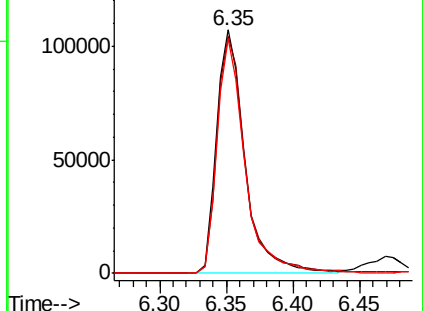
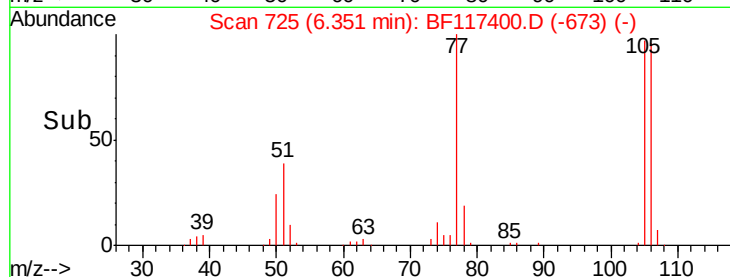
106 96.2 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 79.827 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

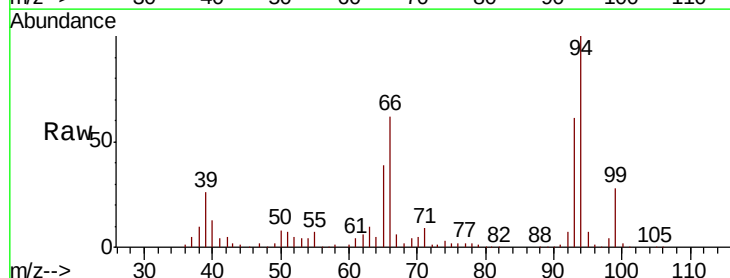
Tgt Ion: 94 Resp: 462254

Ion Ratio Lower Upper

94 100

65 39.2 18.2 58.2

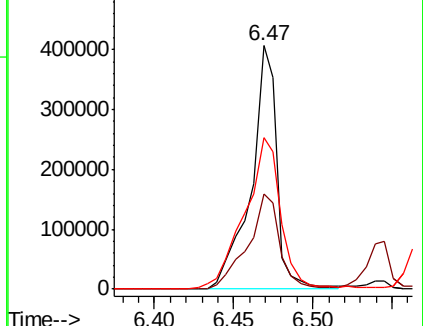
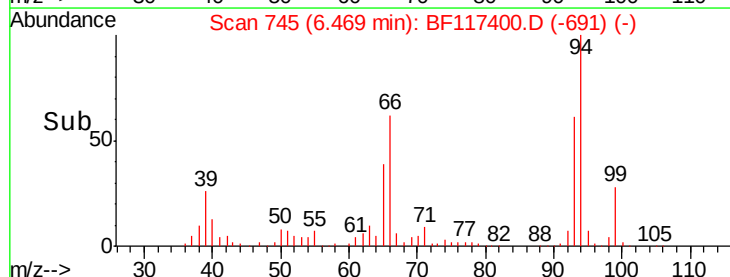
66 62.0 41.1 81.1

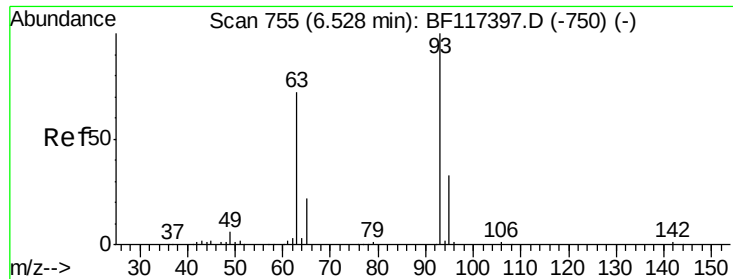


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

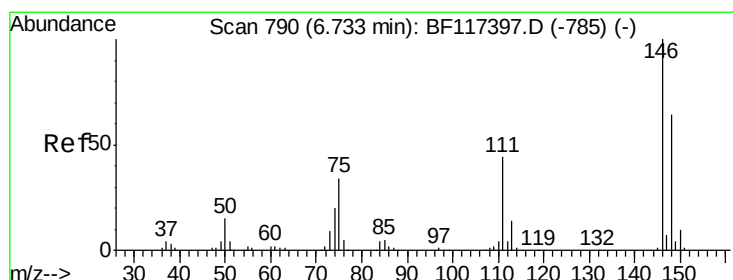
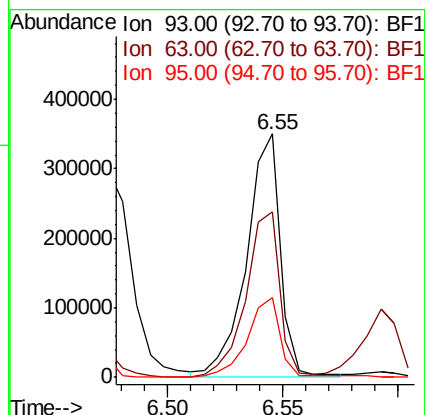
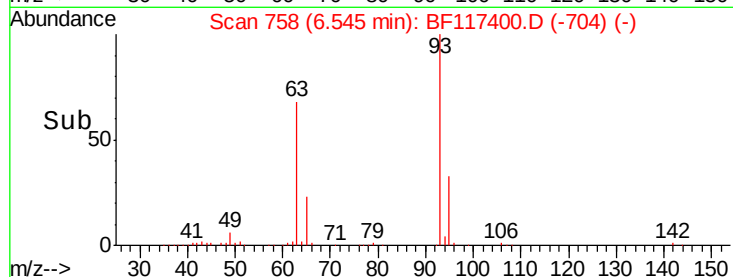
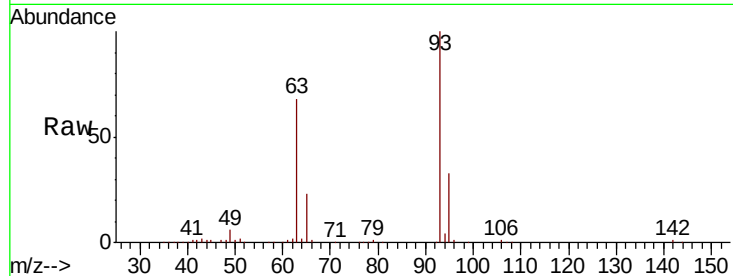




#11
bis(2-Chloroethyl)ether
Concen: 84.530 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

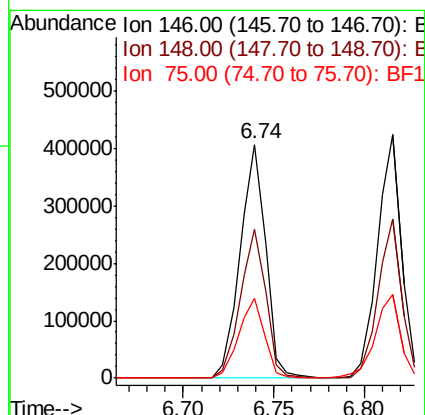
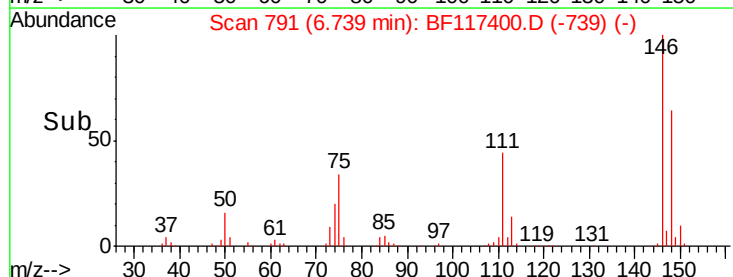
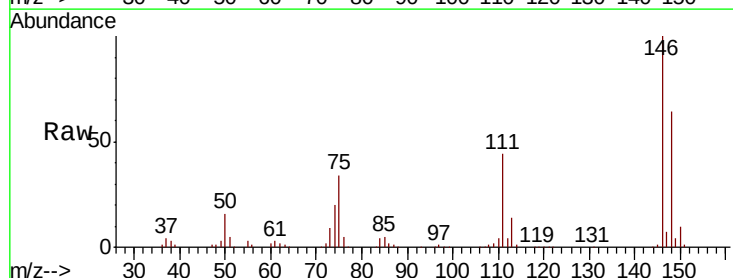
Instrument :
BNA_F
ClientSampleId :

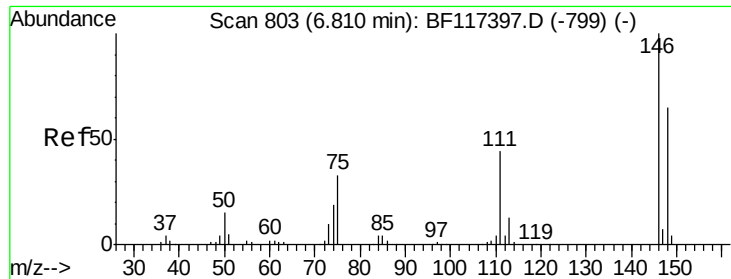
Tot Ion: 93 Resp: 359753
Ion Ratio Lower Upper
93 100
63 68.1 50.9 90.9
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 80.759 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 146 Resp: 397354
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
75 34.3 27.4 41.2

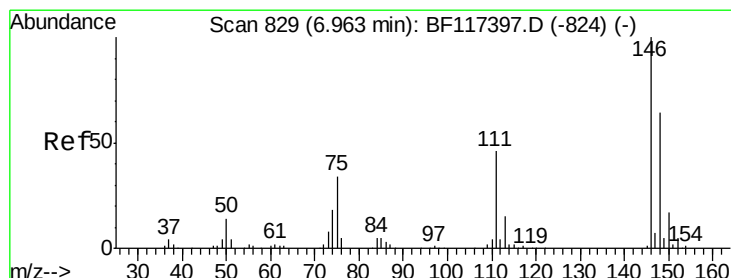
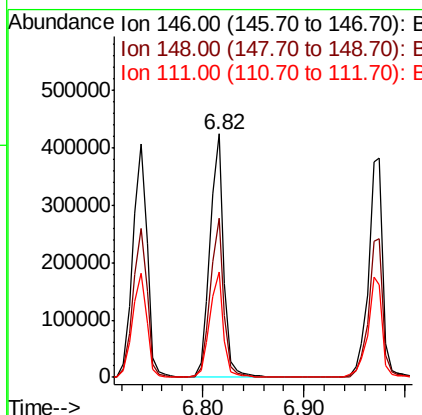
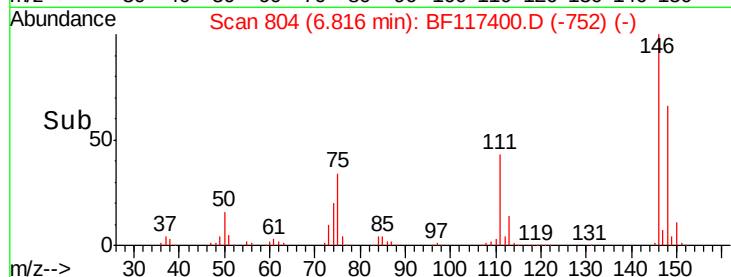
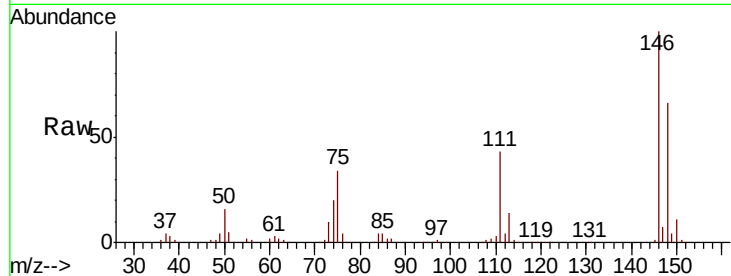




#13
 1,4-Dichlorobenzene
 Concen: 79.897 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

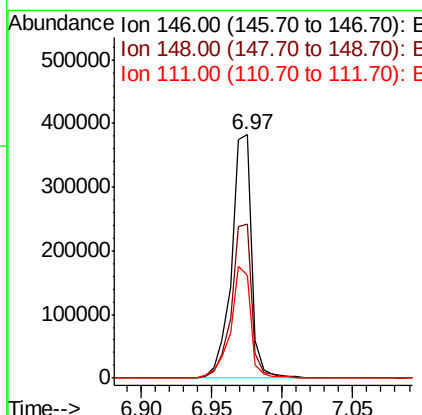
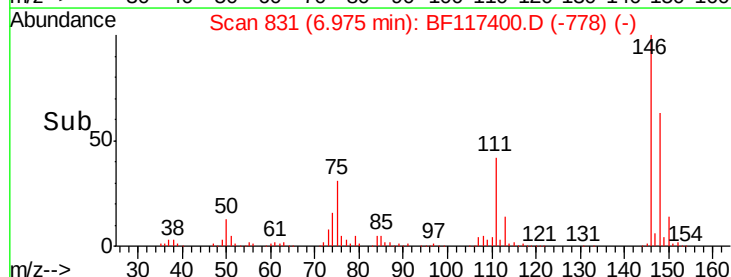
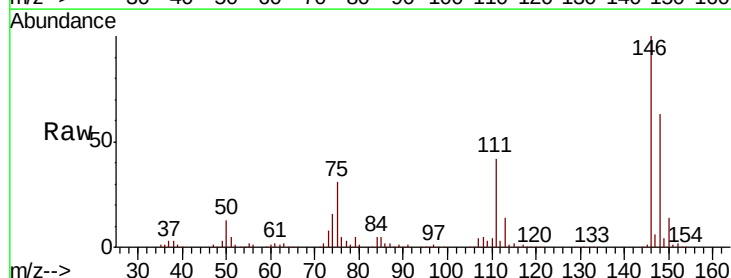
Instrument :
 BNA_F
 ClientSampleId :

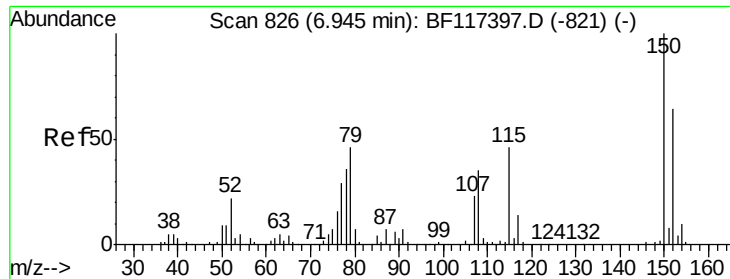
Tot Ion:146 Resp: 401181
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 43.2 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 81.088 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion:146 Resp: 379081
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.0 76.6
 111 42.3 36.5 54.7

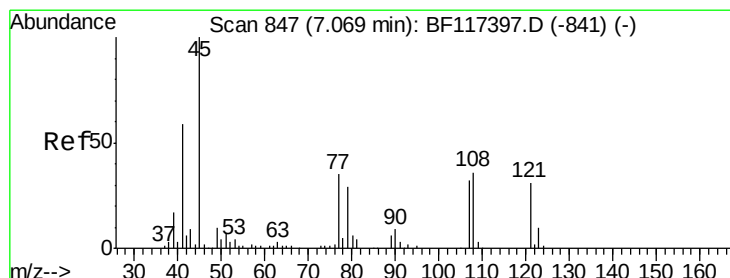
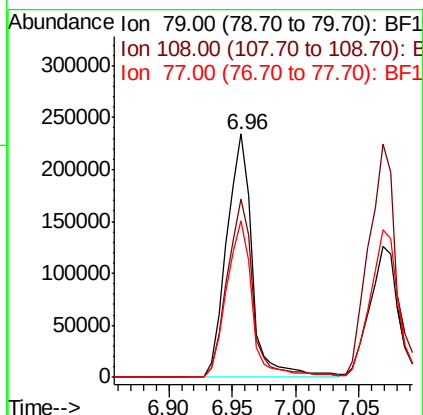
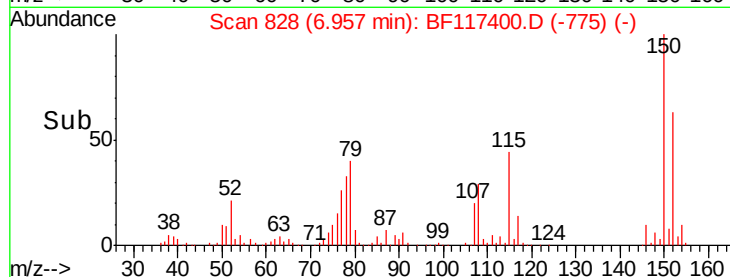
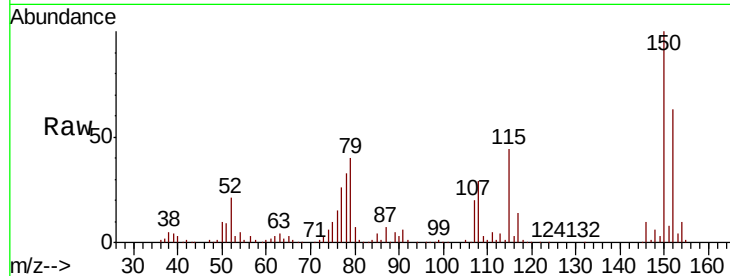




#15
Benzyl Alcohol
Concen: 81.059 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

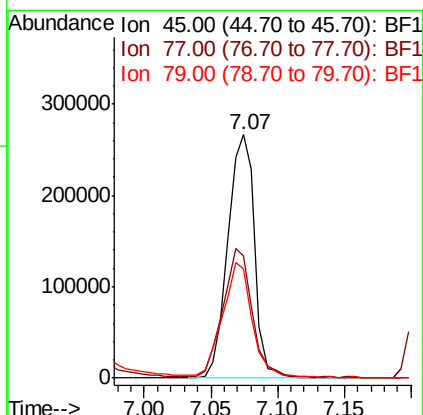
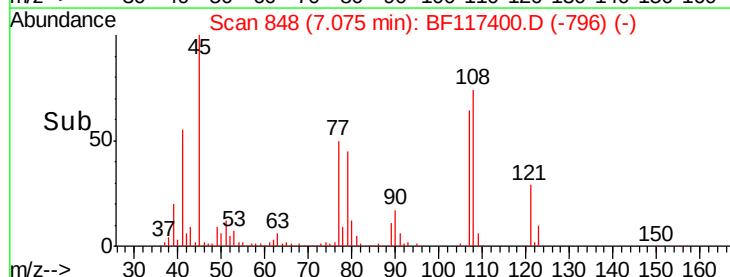
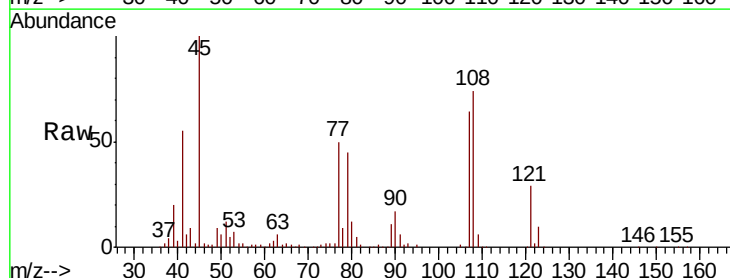
Instrument :
BNA_F
ClientSampled :

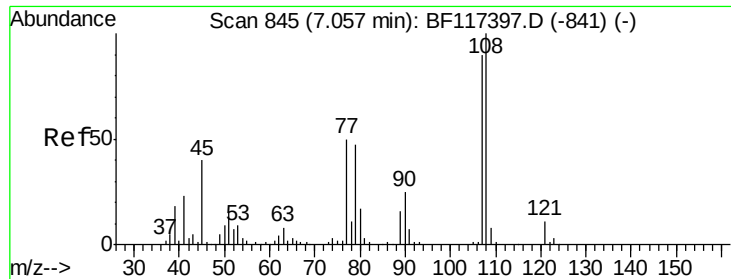
Tot Ion: 79 Resp: 326510
Ion Ratio Lower Upper
79 100
108 73.1 60.4 90.6
77 64.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 88.914 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 45 Resp: 373863
Ion Ratio Lower Upper
45 100
77 49.9 15.9 55.9
79 44.6 10.7 50.7

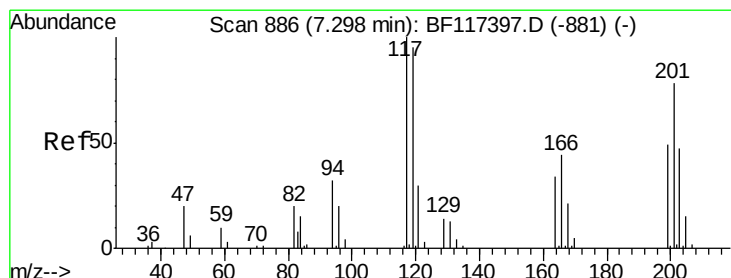
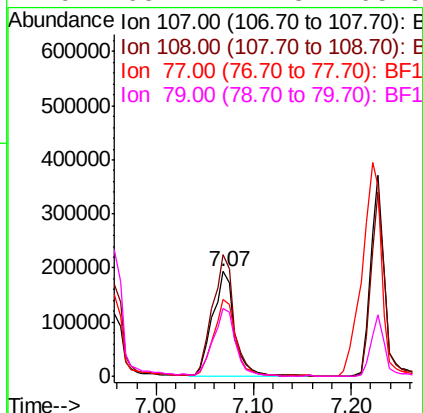
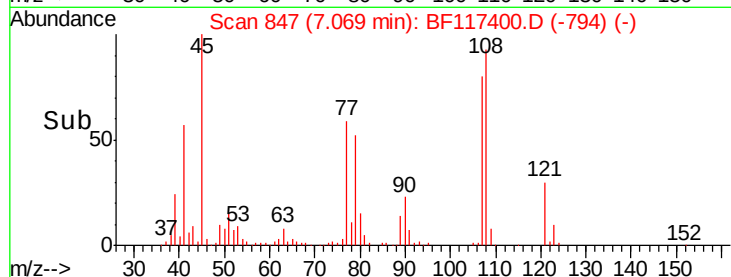
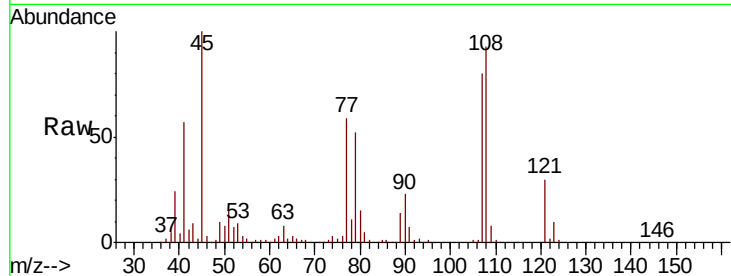




#17
2-Methylphenol
Concen: 81.045 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

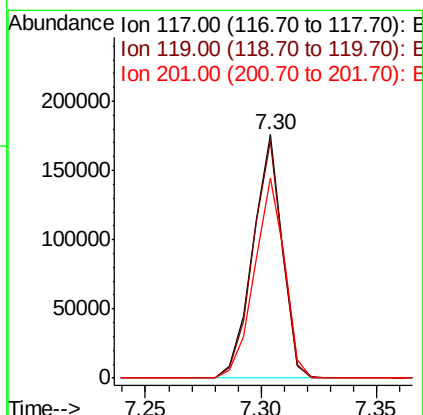
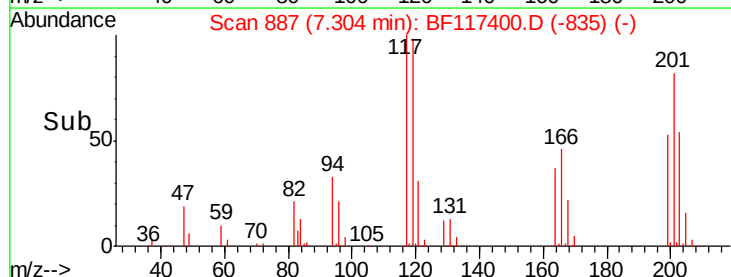
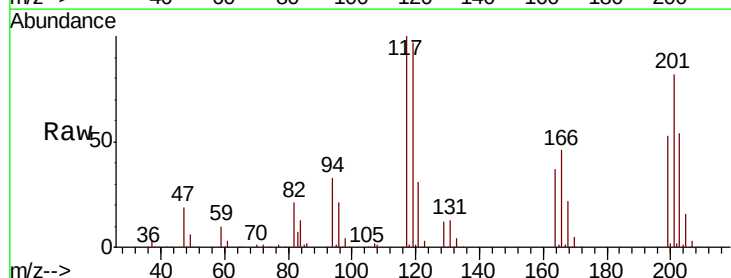
Instrument :
BNA_F
ClientSampled :

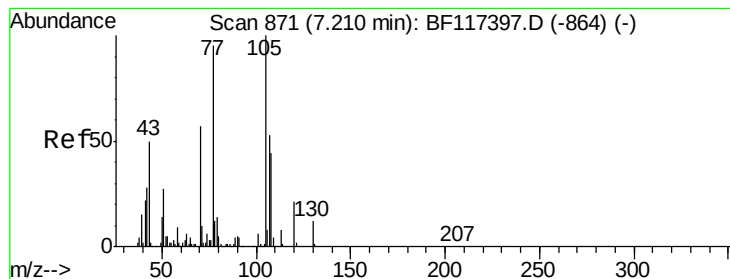
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	89.4	134.2
77	73.4	45.1	67.7
79	65.4	42.3	63.5



#18
Hexachloroethane
Concen: 81.122 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.7	113.5
201	82.0	62.2	93.4





#19

n-Nitroso-di-n-propylamine

Concen: 85.868 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 274650

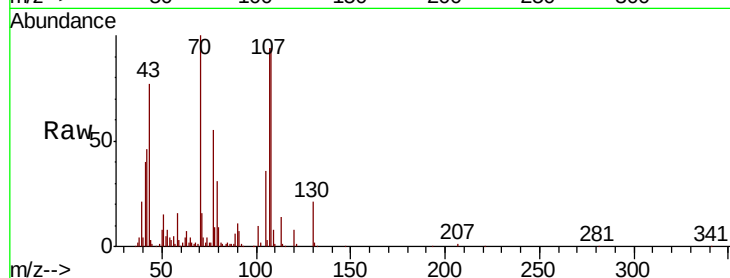
Ion Ratio Lower Upper

70 100

42 45.9 39.8 59.8

101 9.9 8.1 12.1

130 21.1 16.4 24.6

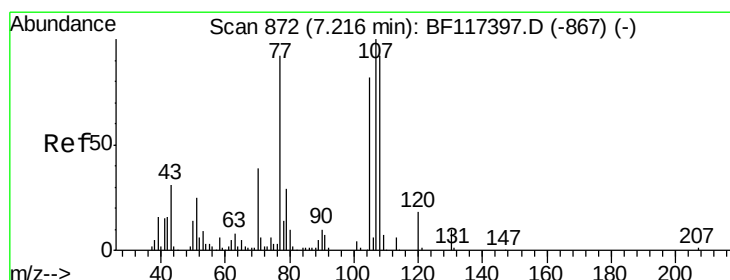
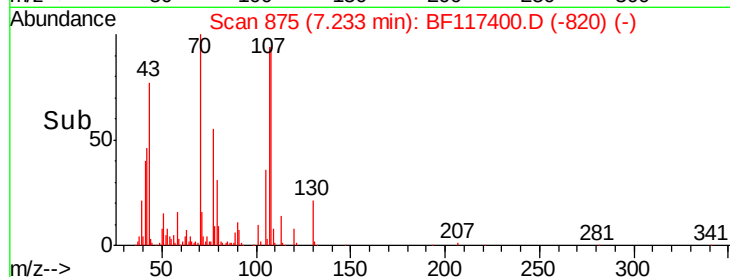
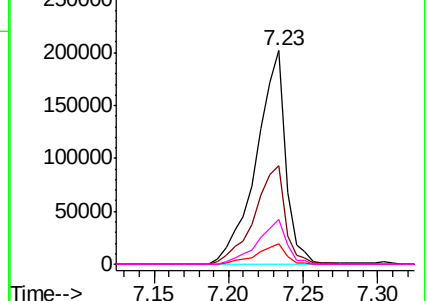


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 81.092 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Tgt Ion:107 Resp: 371185

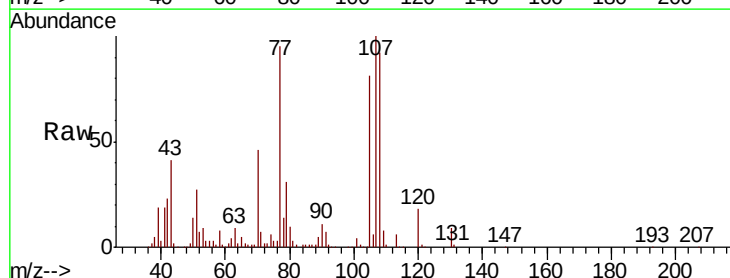
Ion Ratio Lower Upper

107 100

108 91.7 71.8 111.8

77 95.0 72.7 112.7

79 30.7 9.5 49.5

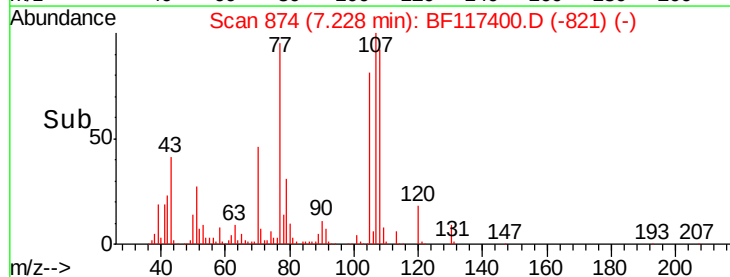
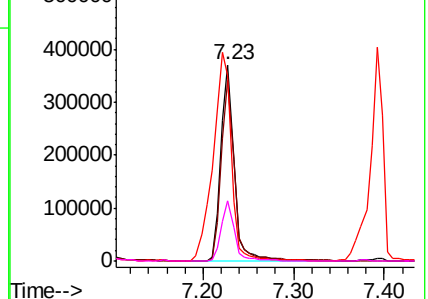


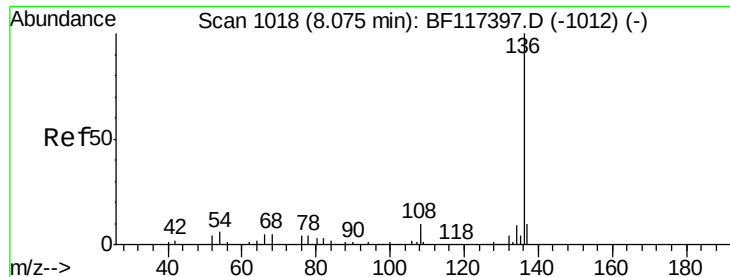
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

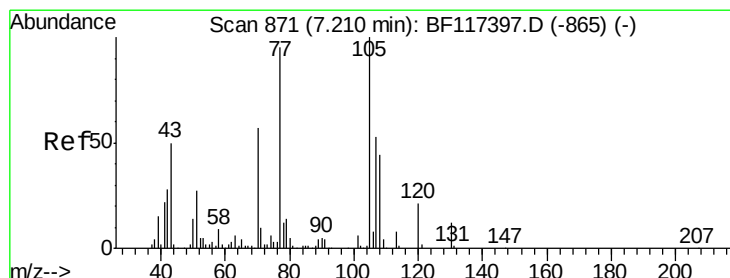
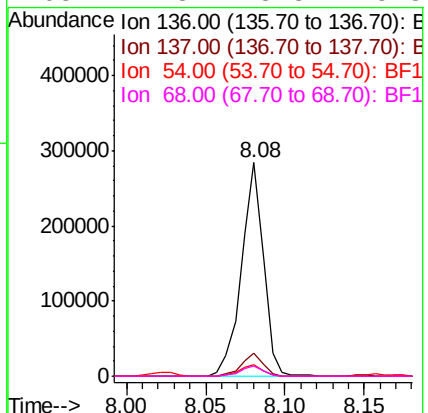
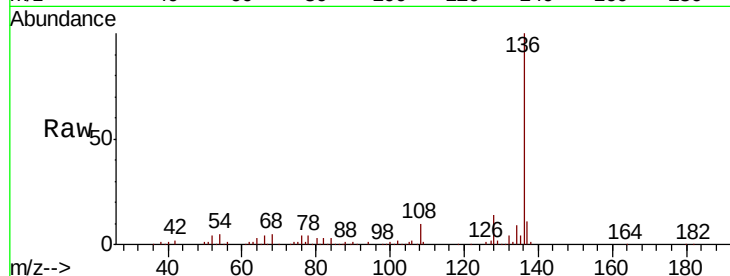




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

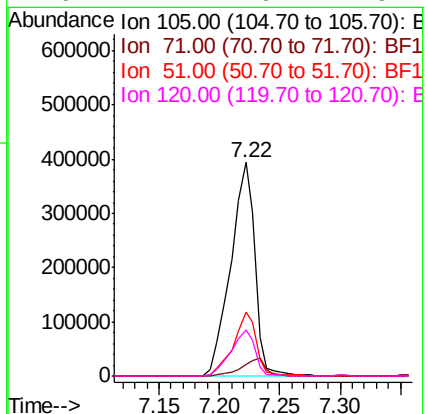
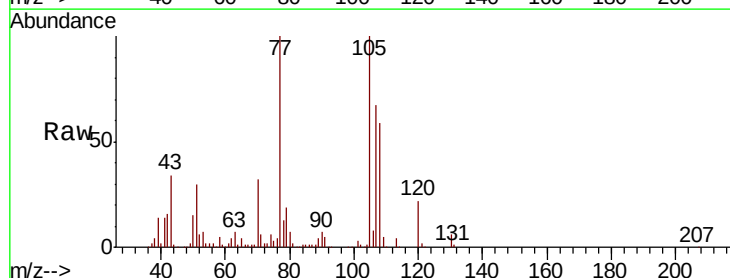
Instrument :
BNA_F
ClientSampleId :

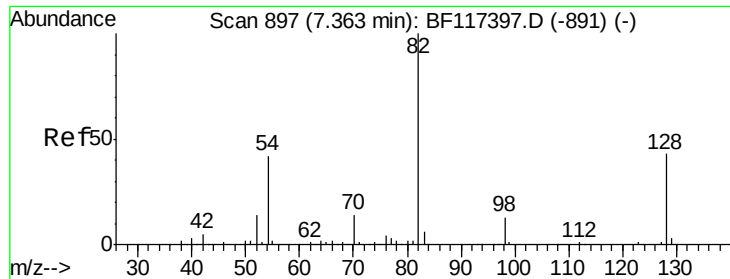
Tot Ion:136	Resp:	272895
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.4 12.6
54	5.5	4.6 6.8
68	4.8	3.8 5.8



#22
Acetophenone
Concen: 79.205 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:105	Resp:	549165
Ion Ratio	Lower	Upper
105	100	
71	5.6	7.8 11.6#
51	30.1	21.5 32.3
120	21.7	16.7 25.1

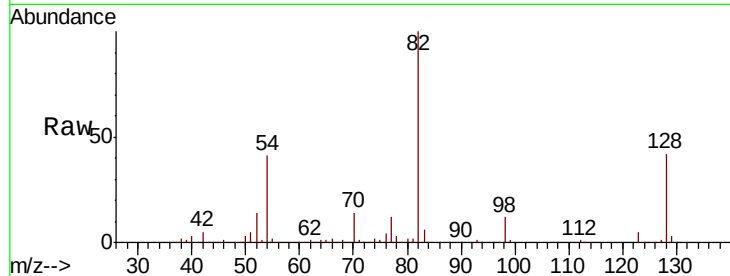




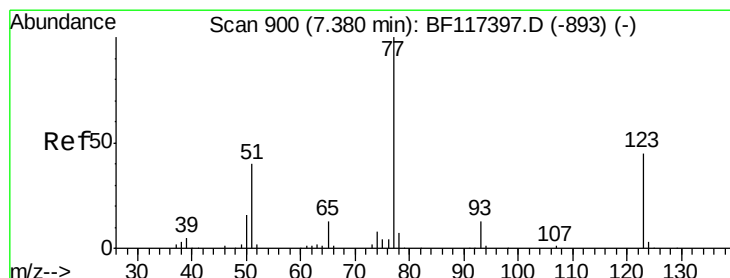
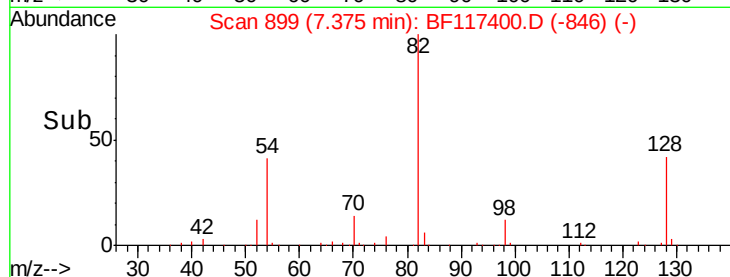
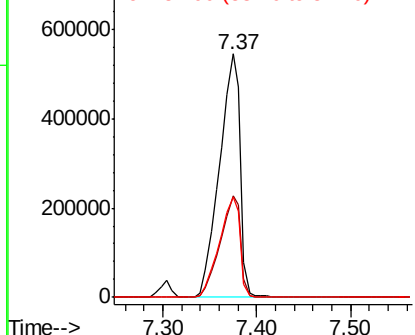
#23
 Nitrobenzene-d5
 Concen: 161.778 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.1	51.1
54	41.4	33.3	49.9

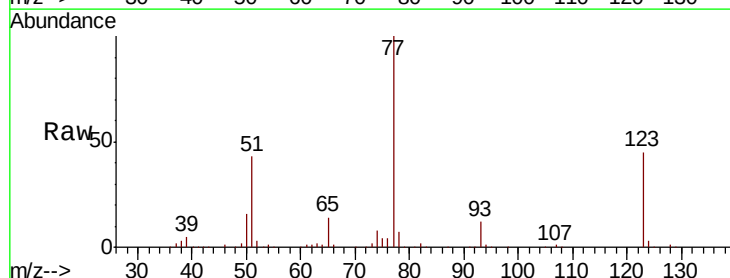


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

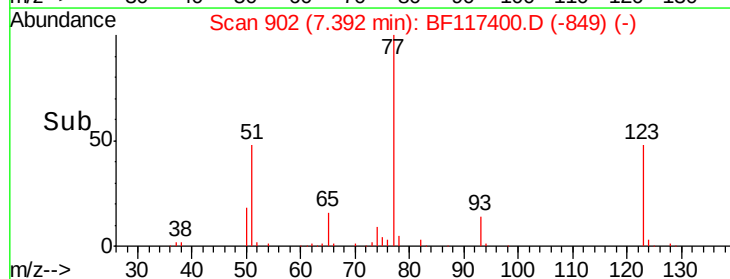
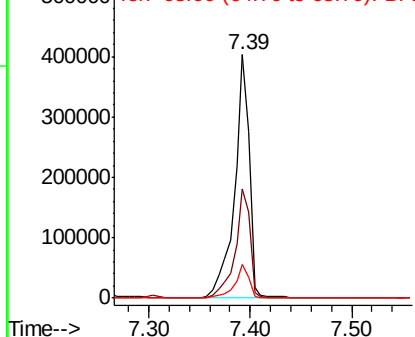


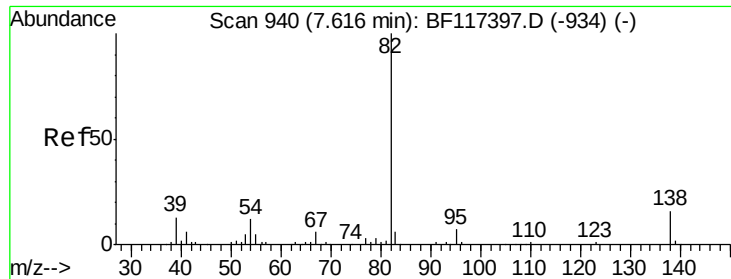
#24
 Nitrobenzene
 Concen: 78.825 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.8	53.8
65	13.6	10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 81.370 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampled :

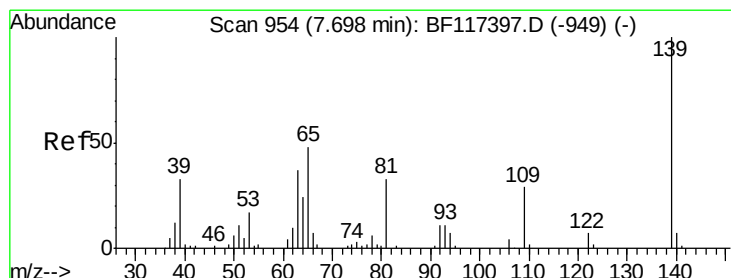
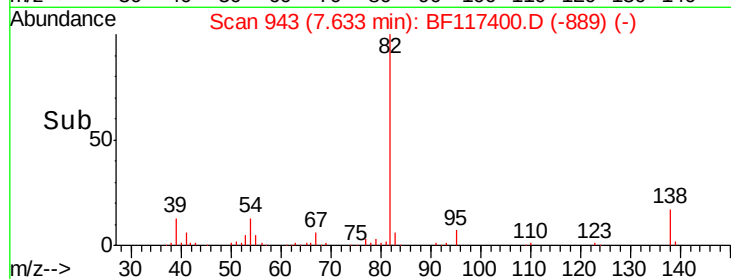
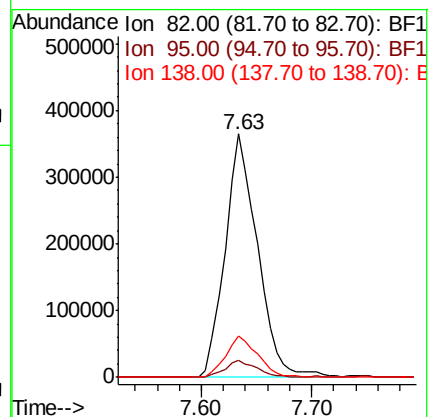
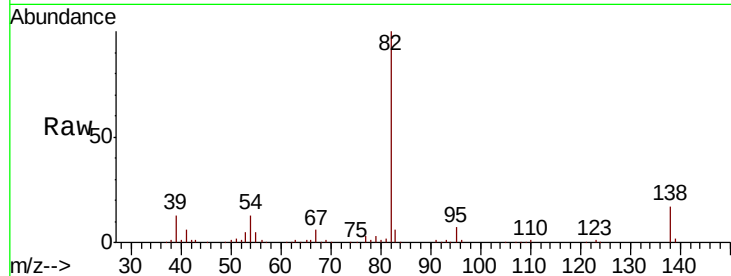
Tot Ion: 82 Resp: 748280

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 17.1 13.0 19.4



#26

2-Nitrophenol

Concen: 85.700 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

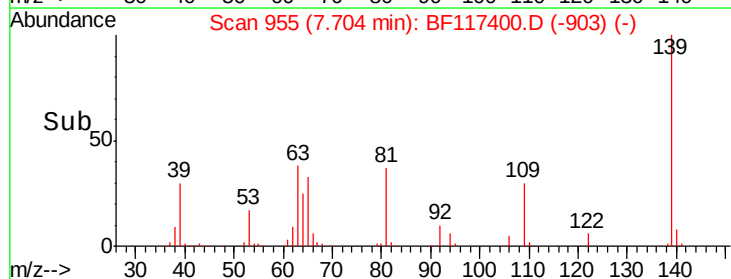
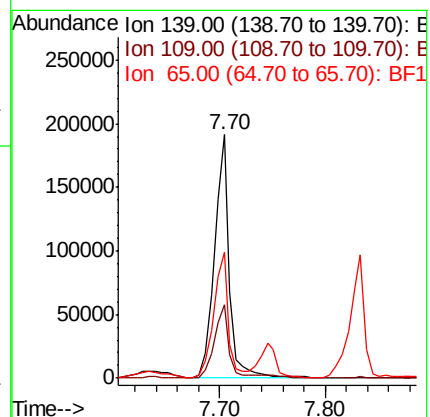
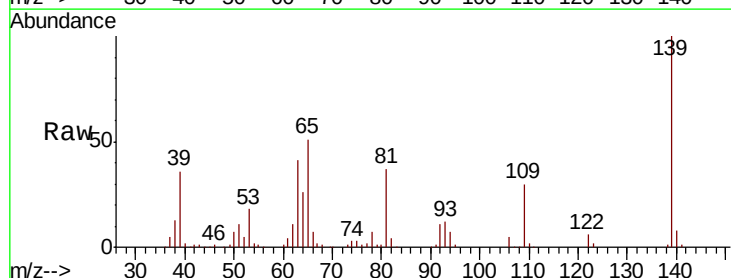
Tgt Ion: 139 Resp: 188807

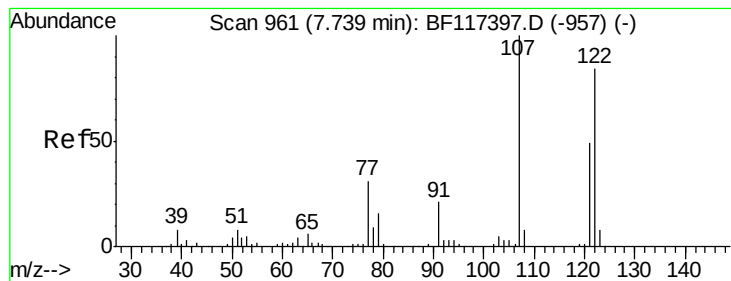
Ion Ratio Lower Upper

139 100

109 30.2 23.1 34.7

65 51.5 38.2 57.4





#27

2,4-Dimethylphenol

Concen: 80.295 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

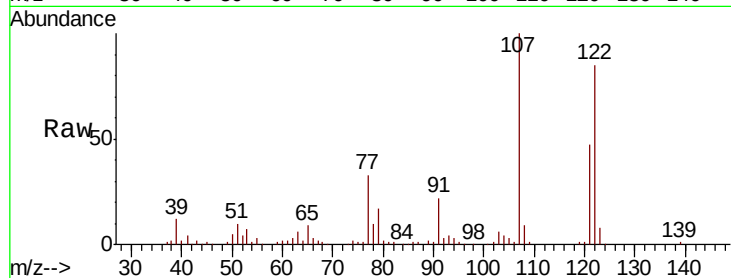
Tot Ion:122 Resp: 280527

Ion Ratio Lower Upper

122 100

107 117.7 95.0 142.6

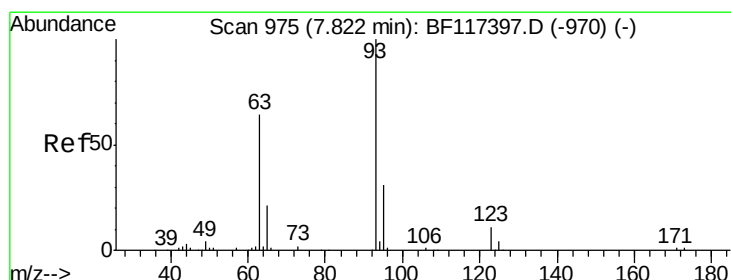
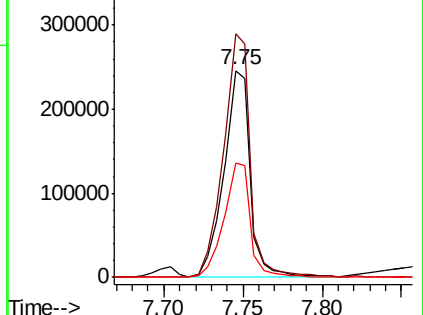
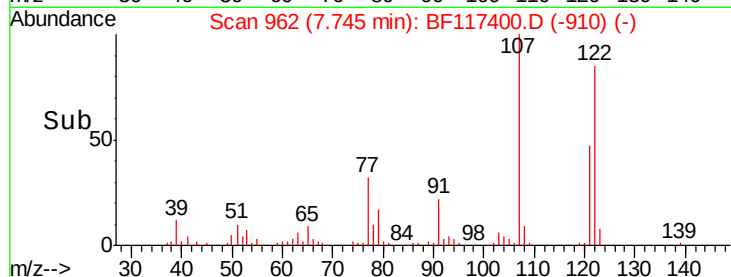
121 55.6 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 81.168 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

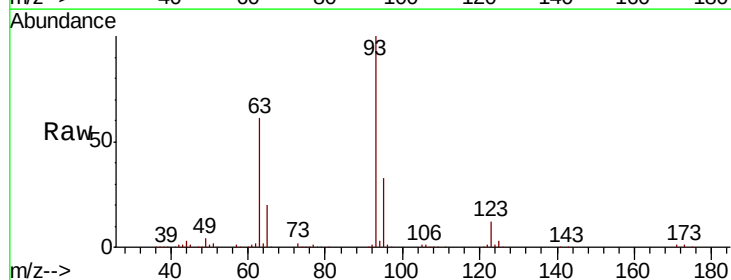
Tgt Ion: 93 Resp: 459882

Ion Ratio Lower Upper

93 100

95 32.8 25.1 37.7

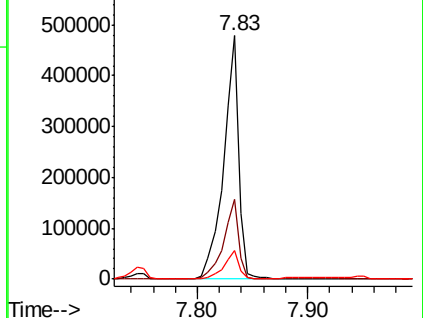
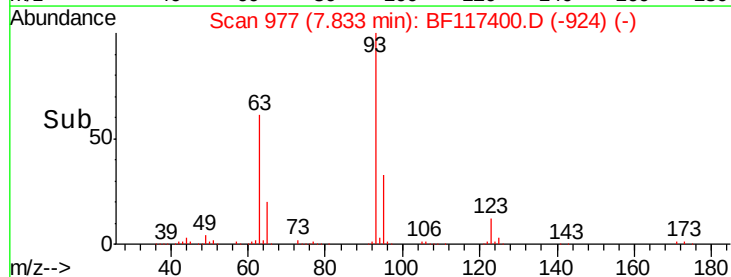
123 11.7 8.6 12.8

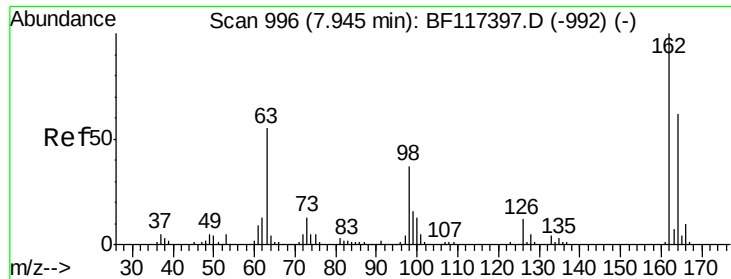


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

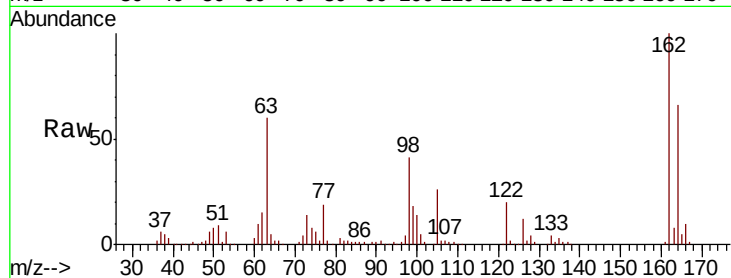




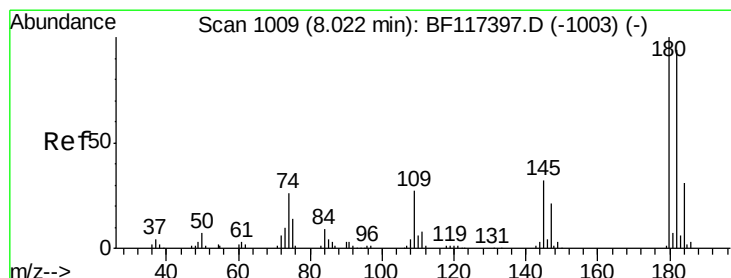
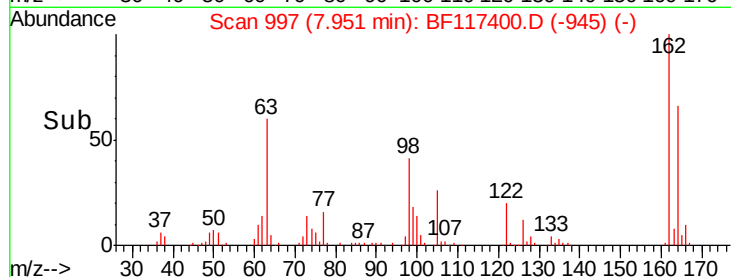
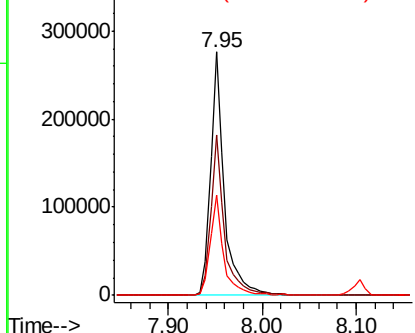
#29
 2,4-Dichlorophenol
 Concen: 78.252 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.2	82.2
98	41.1	17.4	57.4

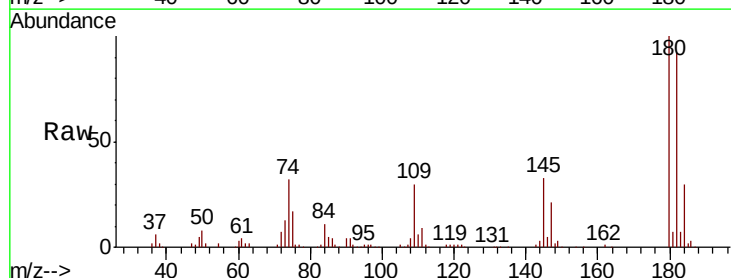


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

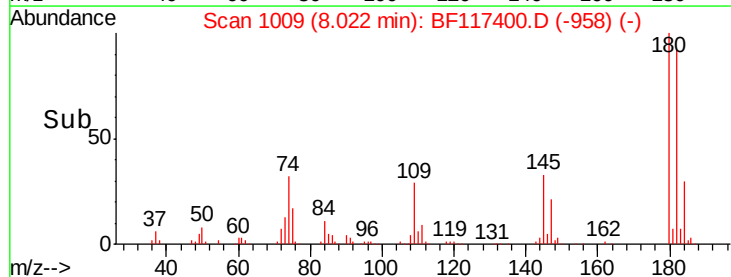
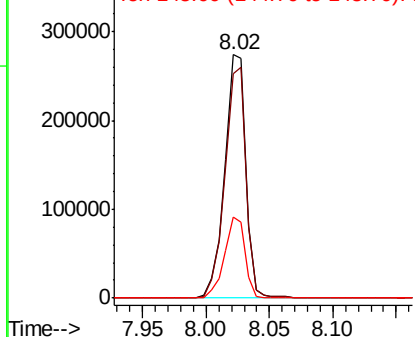


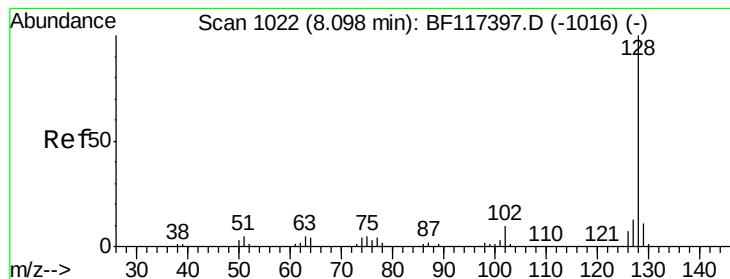
#30
 1,2,4-Trichlorobenzene
 Concen: 79.487 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.4	113.2
145	33.2	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 79.320 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampled :

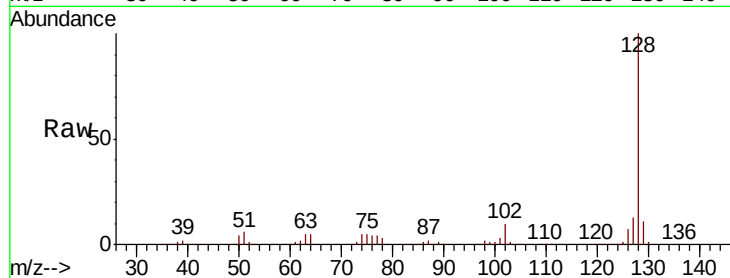
Tot Ion:128 Resp: 1041040

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

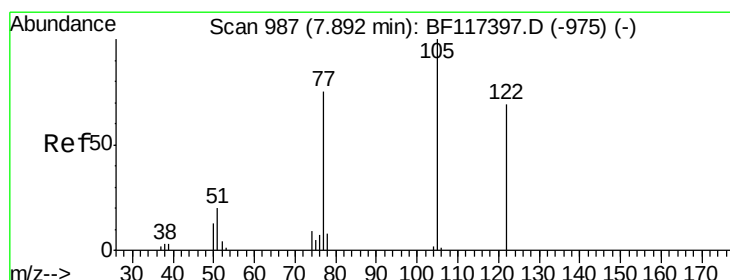
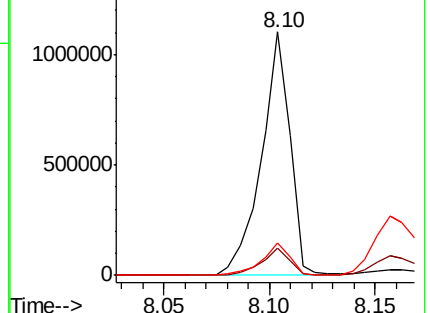
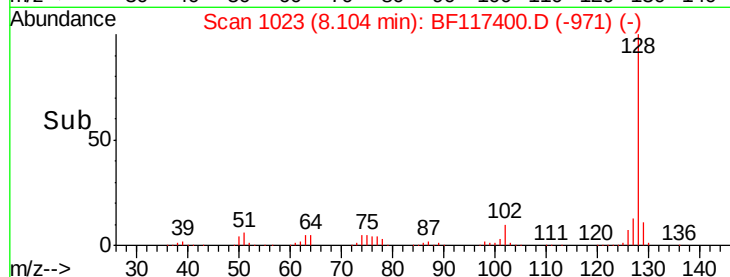
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 88.064 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.05 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

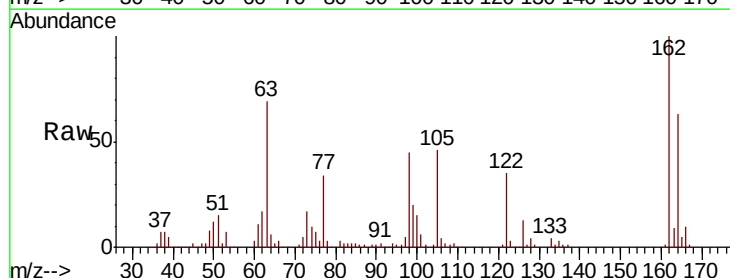
Tgt Ion:122 Resp: 216390

Ion Ratio Lower Upper

122 100

105 129.7 121.5 161.5

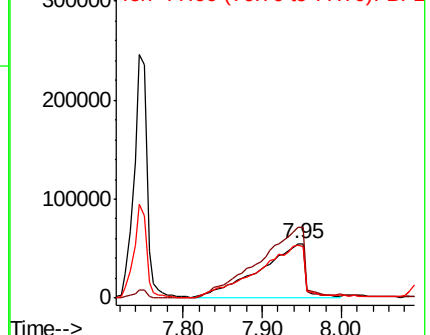
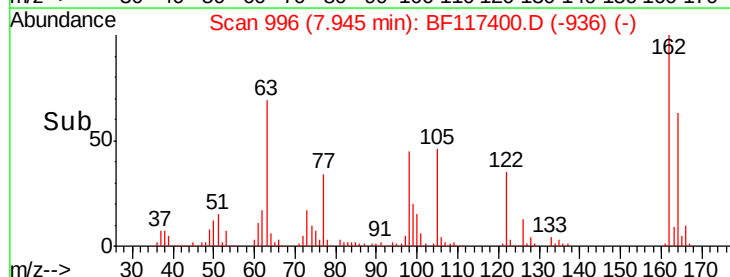
77 96.7 88.3 128.3

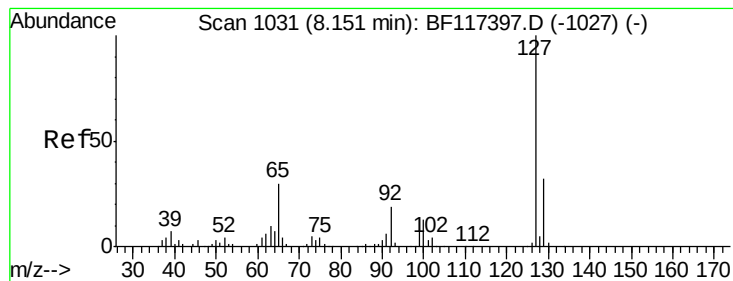


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 73.082 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 425425

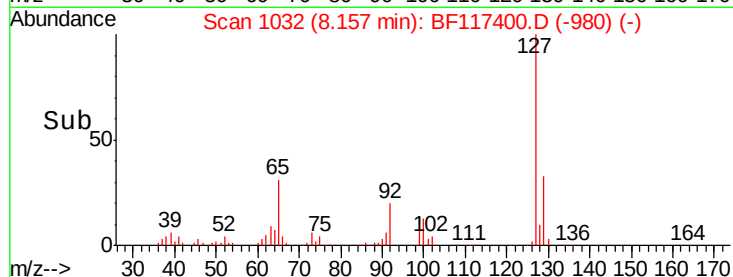
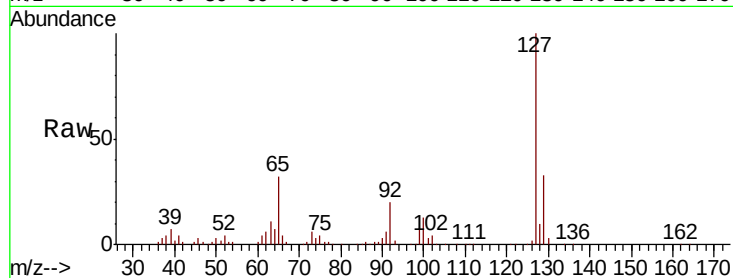
Ion Ratio Lower Upper

127 100

129 33.2 25.4 38.0

65 31.6 23.8 35.8

92 20.2 15.3 22.9

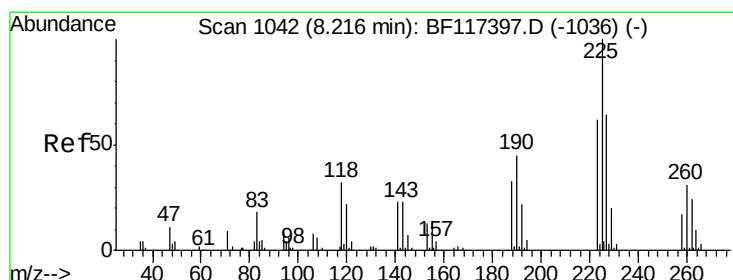
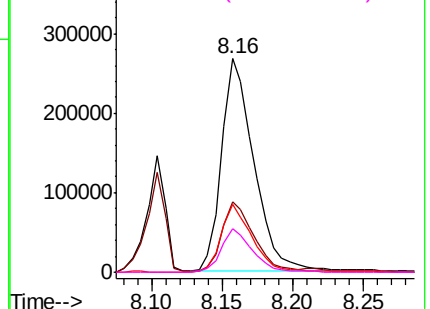


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 80.100 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

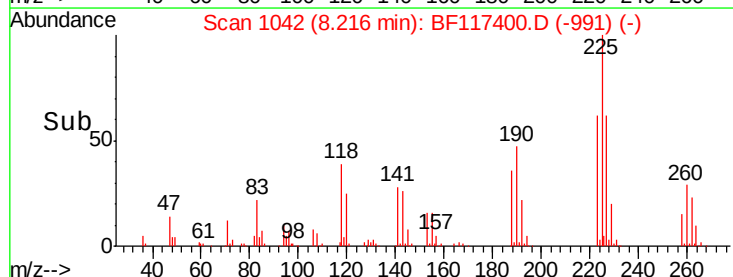
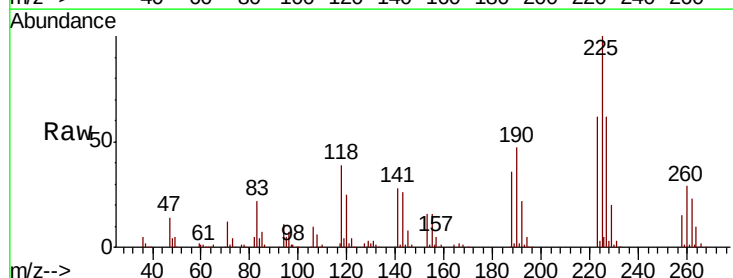
Tgt Ion:225 Resp: 179732

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

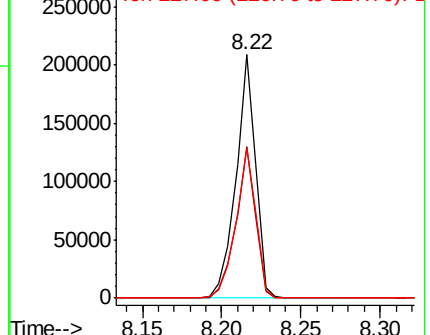
227 61.9 50.9 76.3

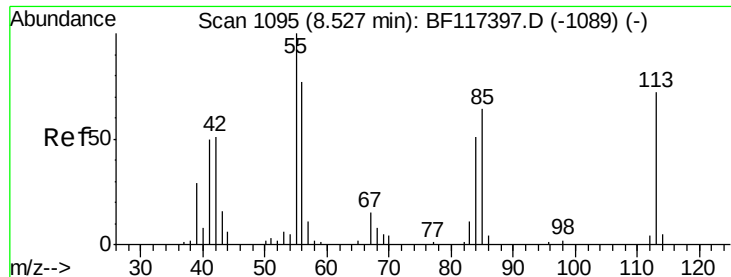


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

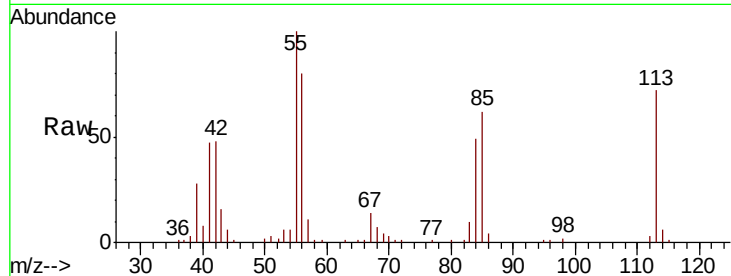




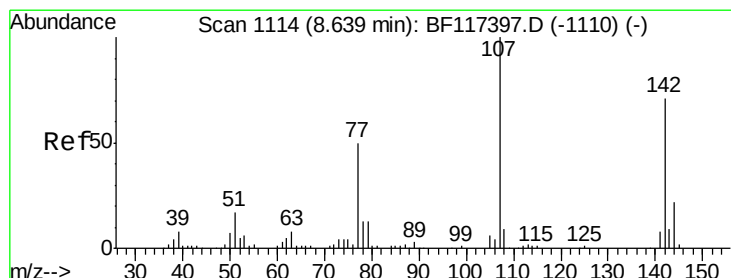
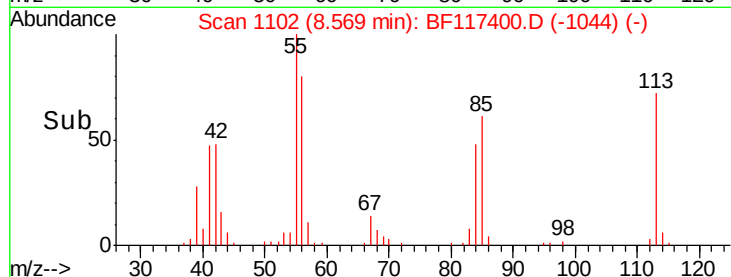
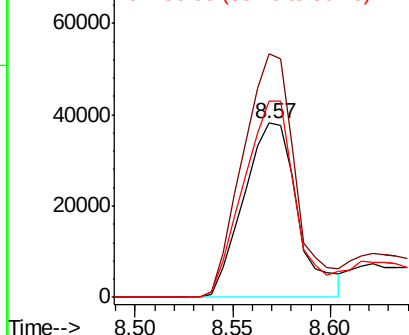
#35
 Caprolactam
 Concen: 59.439 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.04 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 73650
 Ion Ratio Lower Upper
 113 100
 55 139.7 118.5 158.5
 56 112.3 86.7 126.7

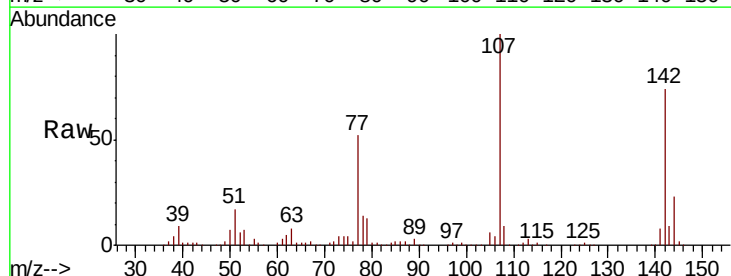


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

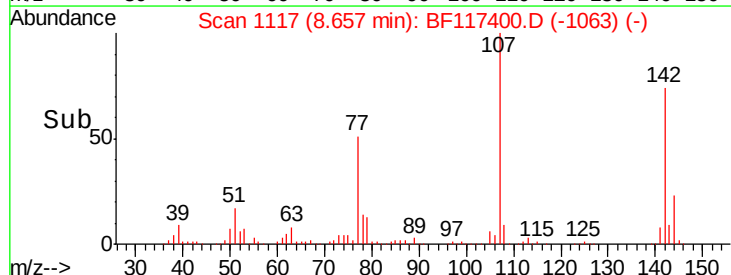
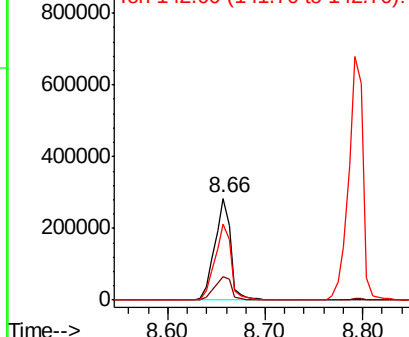


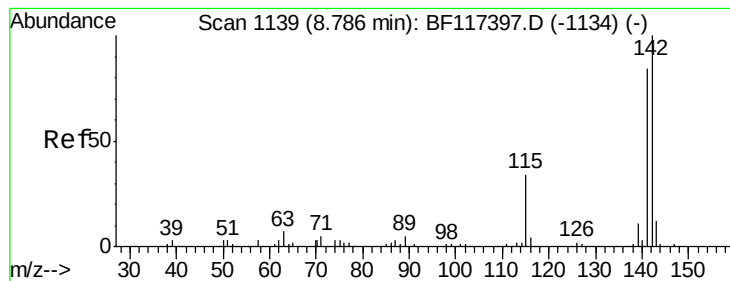
#36
 4-Chloro-3-methylphenol
 Concen: 76.610 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.02 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion:107 Resp: 327011
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.9 26.9
 142 74.4 56.9 85.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 78.333 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

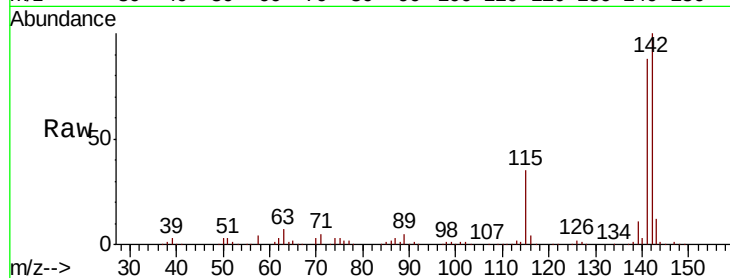
Tot Ion:142 Resp: 692307

Ion Ratio Lower Upper

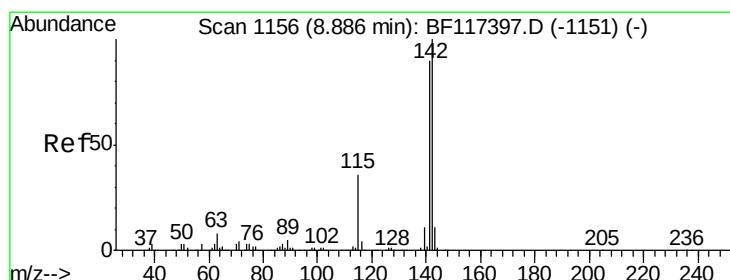
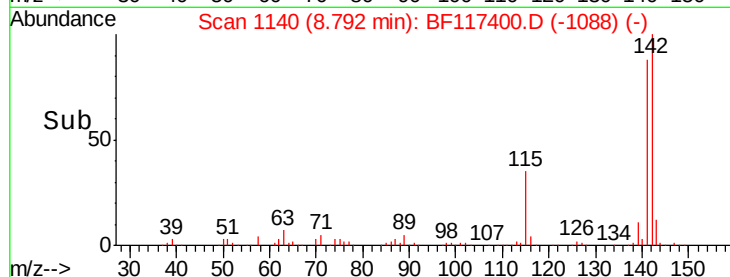
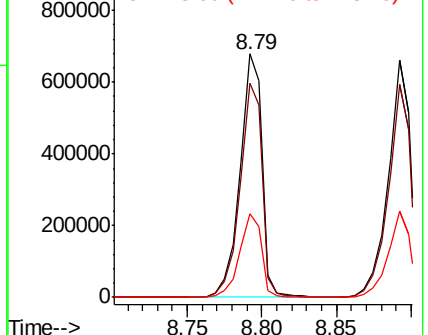
142 100

141 88.2 67.2 100.8

115 34.6 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 80.041 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

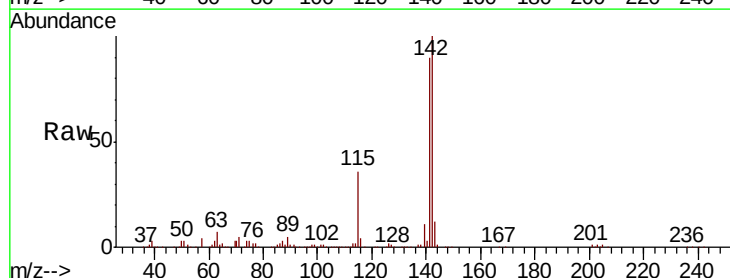
Tgt Ion:142 Resp: 662539

Ion Ratio Lower Upper

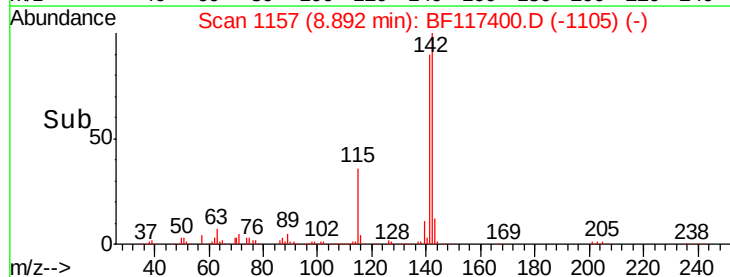
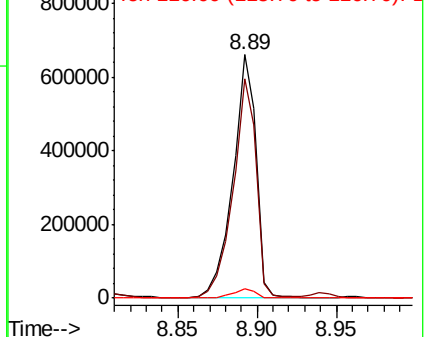
142 100

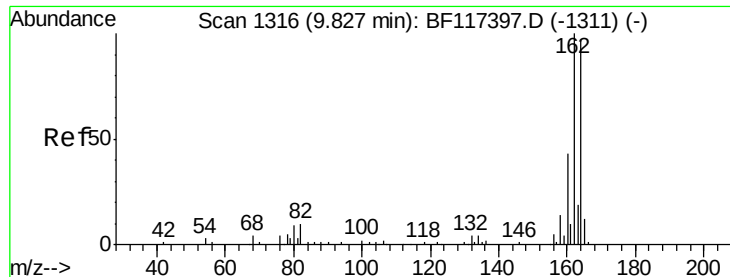
141 89.8 71.8 107.8

116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

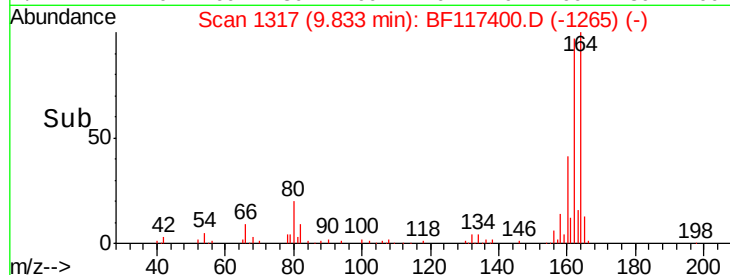
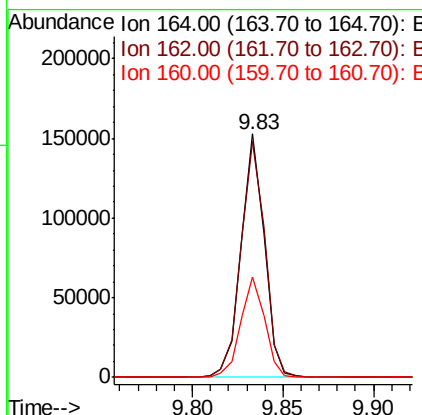
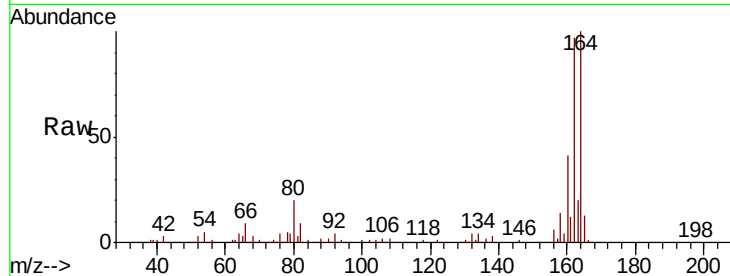




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

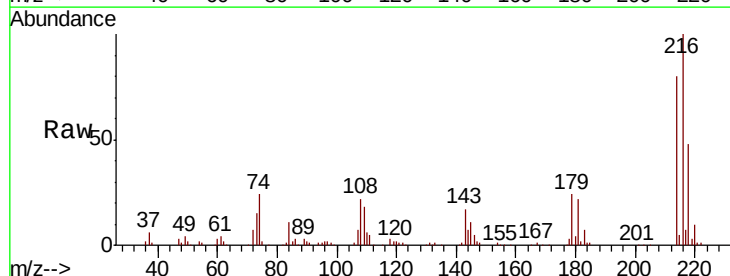
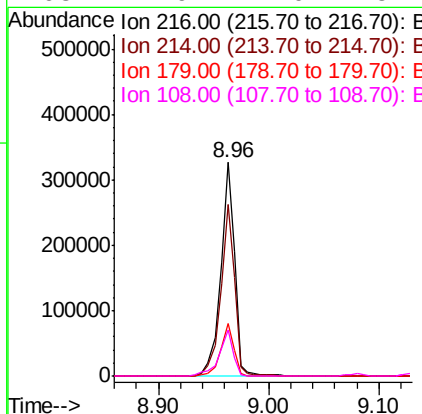
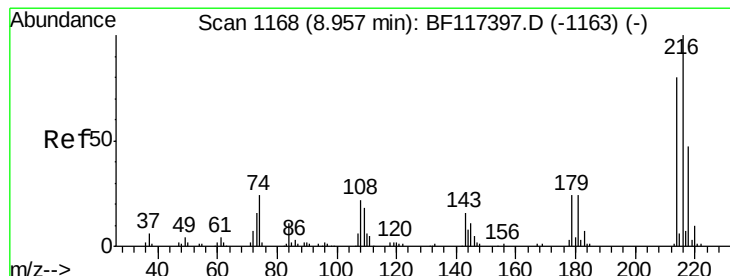
Instrument :
 BNA_F
 ClientSampleId :

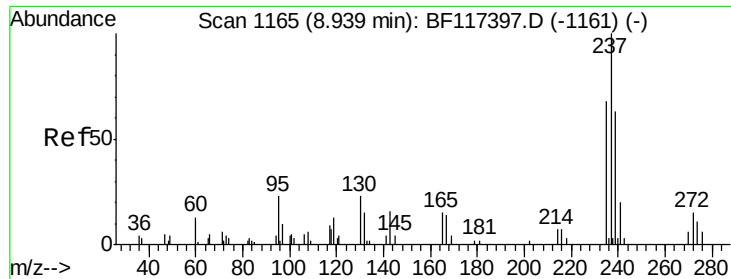
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.4	123.6
160	41.2	35.4	53.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 81.009 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	23.3	18.6	28.0
108	21.9	17.0	25.4

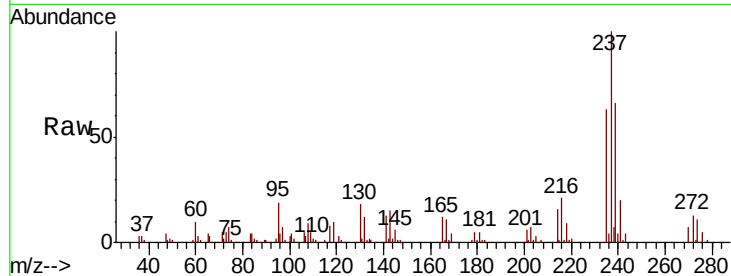




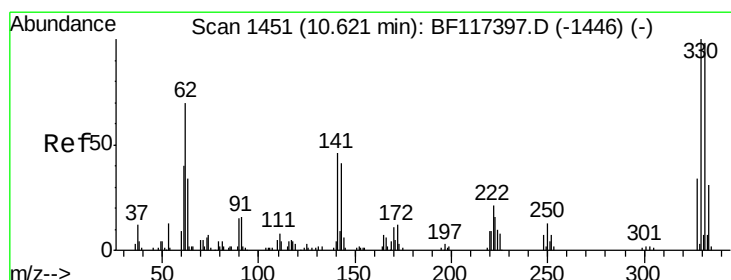
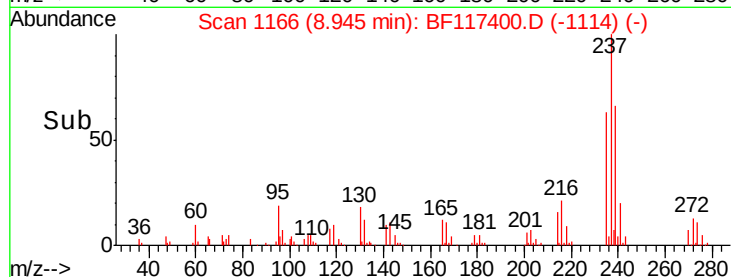
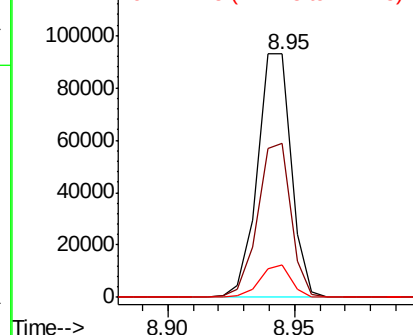
#41
Hexachlorocyclopentadiene
Concen: 65.599 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 86985
Ion Ratio Lower Upper
237 100
235 63.1 47.8 87.8
272 13.2 0.0 35.0

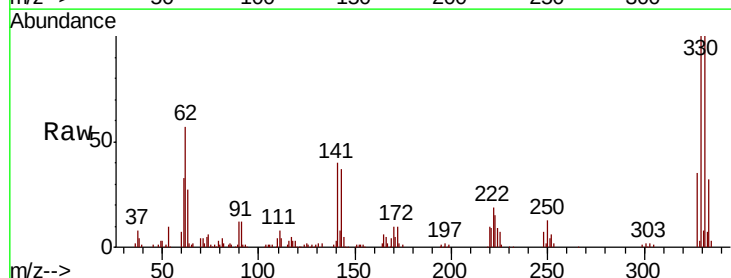


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

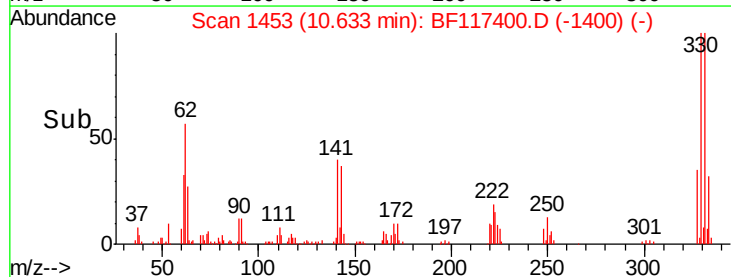
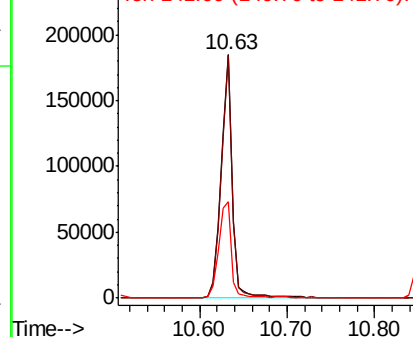


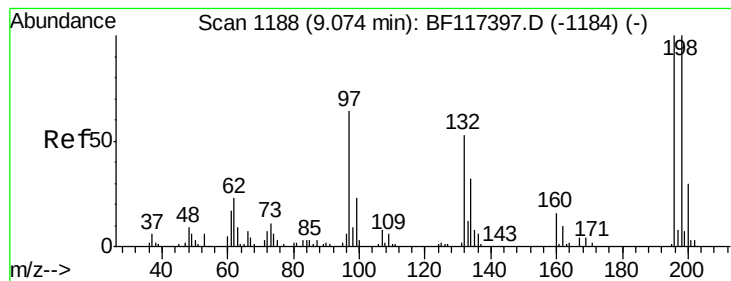
#42
2,4,6-Tribromophenol
Concen: 146.568 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:330 Resp: 167238
Ion Ratio Lower Upper
330 100
332 96.7 75.0 112.6
141 44.2 34.2 51.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 75.738 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampled :

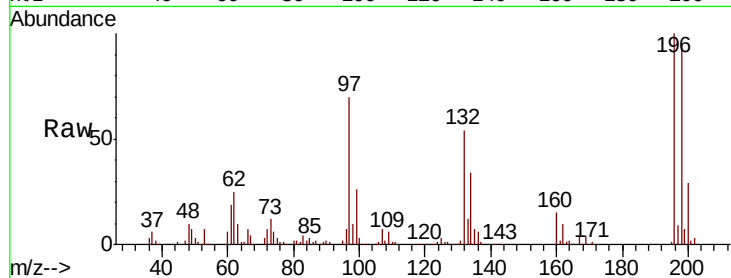
Tot Ion:196 Resp: 181200

Ion Ratio Lower Upper

196 100

198 95.3 79.8 119.6

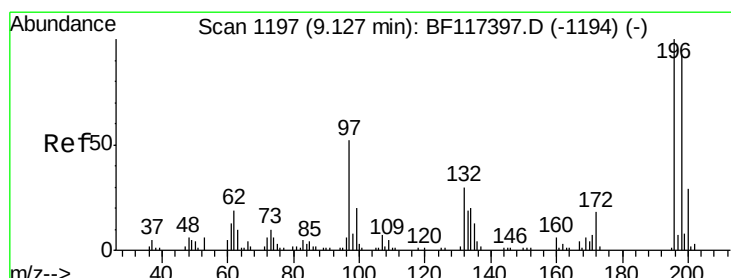
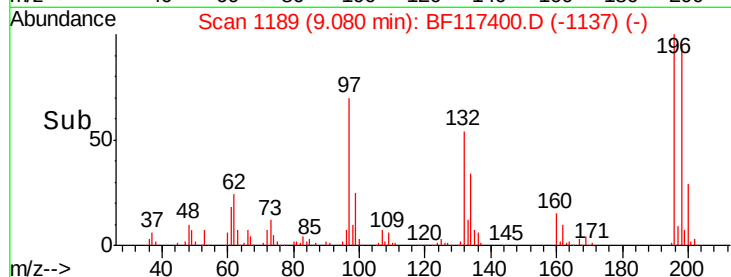
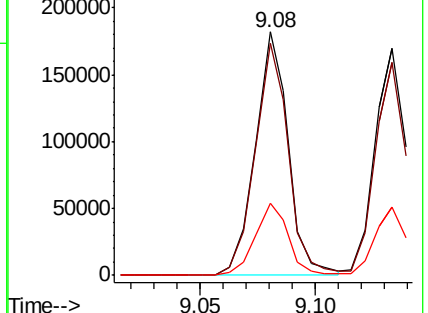
200 29.4 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 71.600 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Tgt Ion:196 Resp: 183018

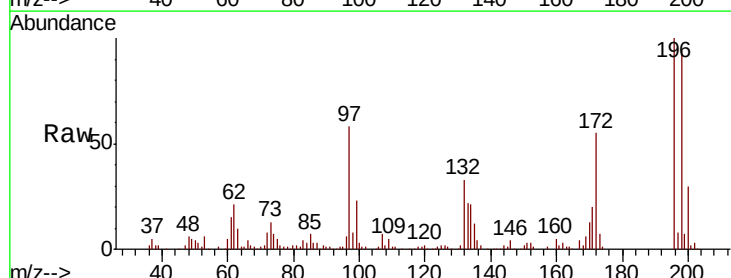
Ion Ratio Lower Upper

196 100

198 93.8 74.9 112.3

97 57.6 42.5 63.7

132 32.6 24.7 37.1

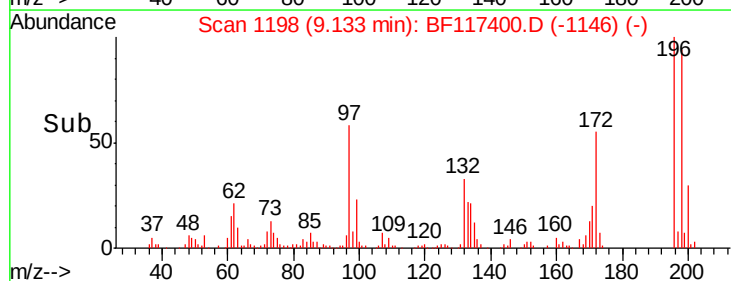
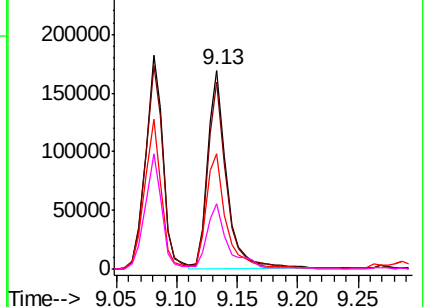


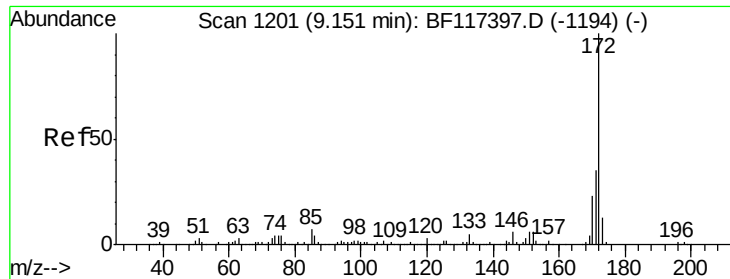
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



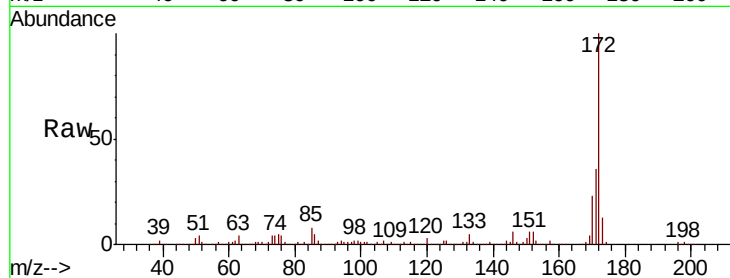


#45
 2-Fluorobiphenyl
 Concen: 163.283 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

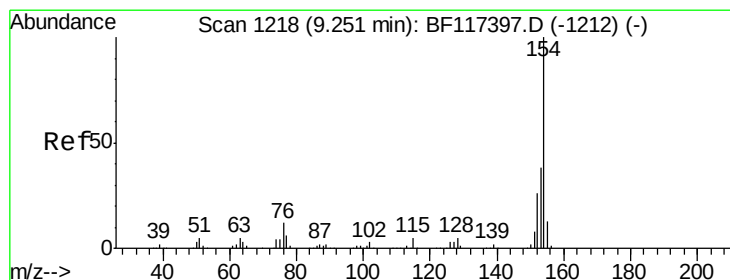
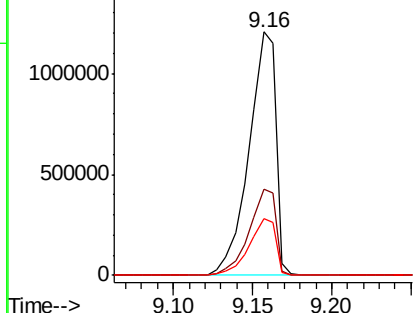
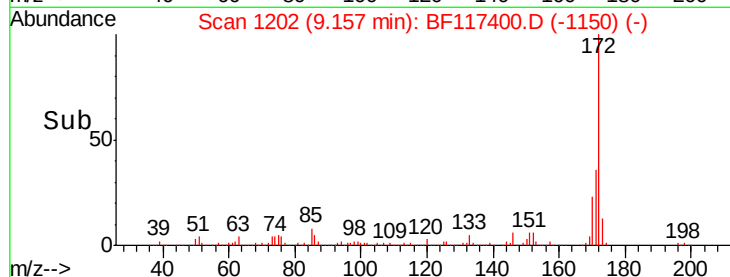
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1425710

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.5	18.2	27.2



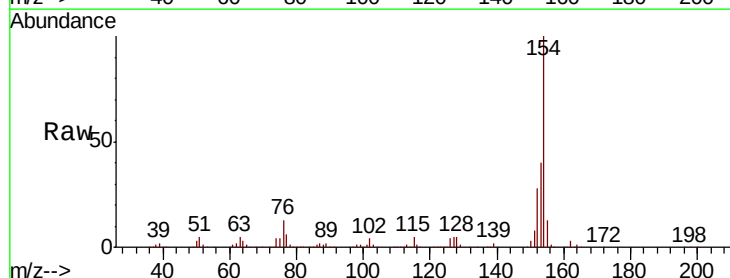
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



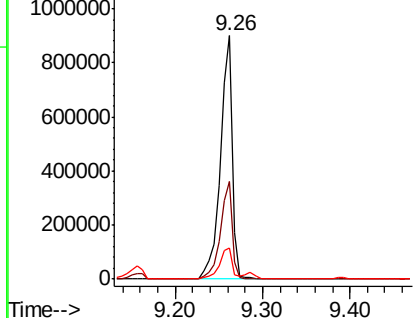
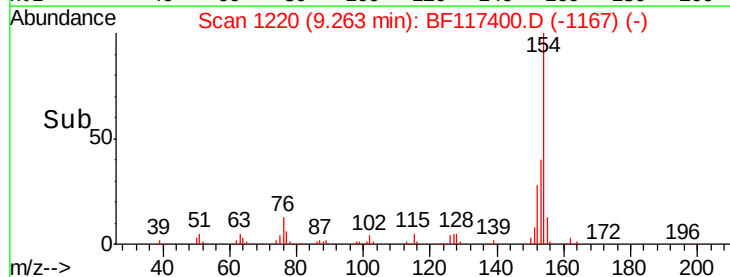
#46
 1,1'-Biphenyl
 Concen: 79.522 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

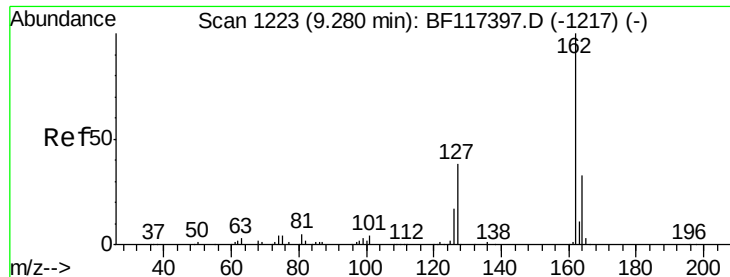
Tgt Ion:154 Resp: 851601

Ion	Ratio	Lower	Upper
154	100		
153	39.9	18.3	58.3
76	12.9	0.0	32.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

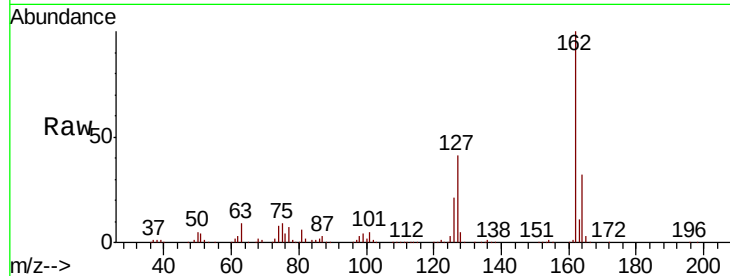




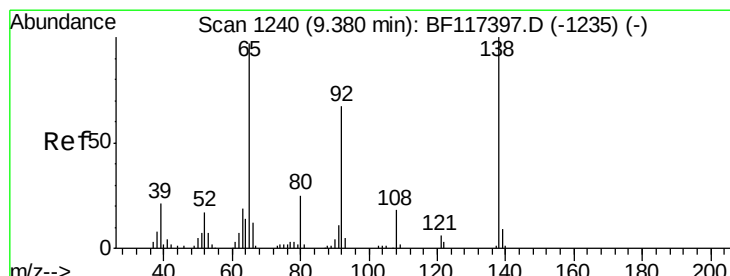
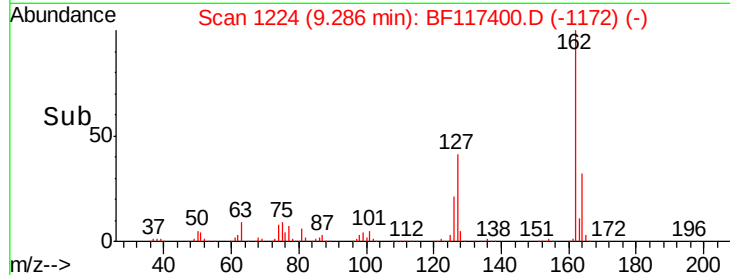
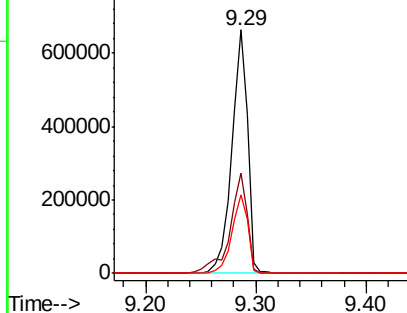
#47
 2-Chloronaphthalene
 Concen: 79.123 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	668717
Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.6	48.8
164	32.4	26.2	39.4

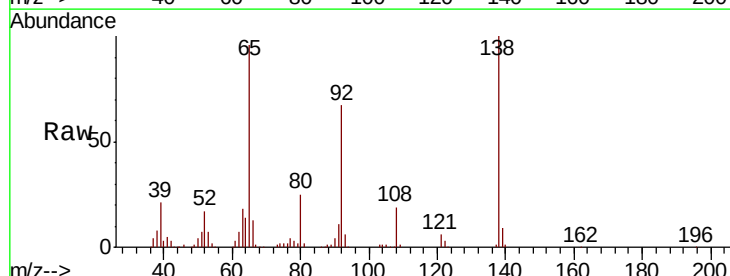


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

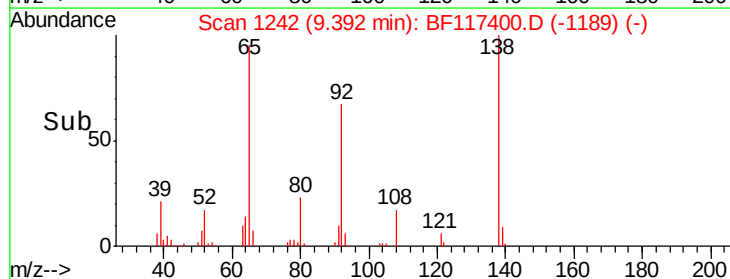
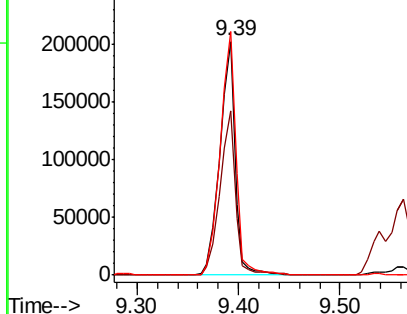


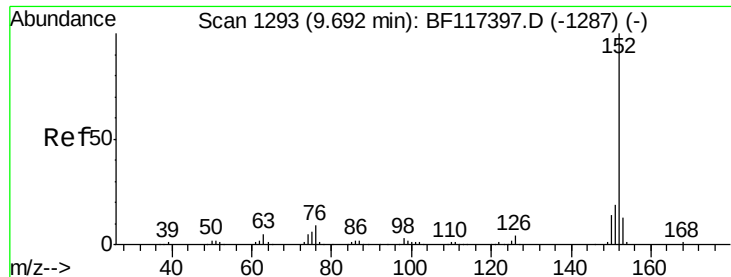
#48
 2-Nitroaniline
 Concen: 78.432 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion:	65	Resp:	212619
Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.4	83.0
138	104.2	82.6	124.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 76.083 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

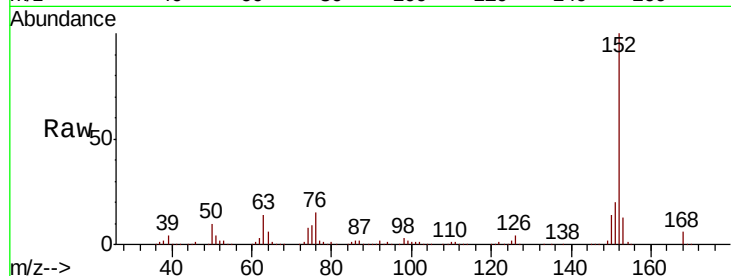
Tot Ion:152 Resp: 963287

Ion Ratio Lower Upper

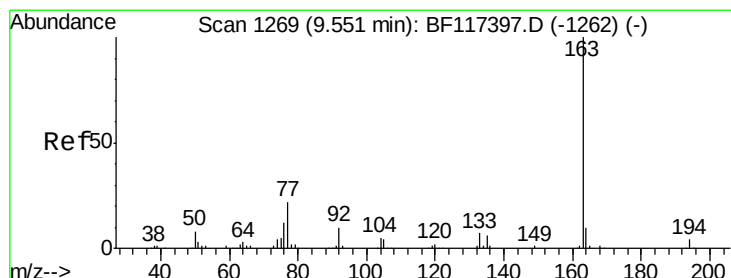
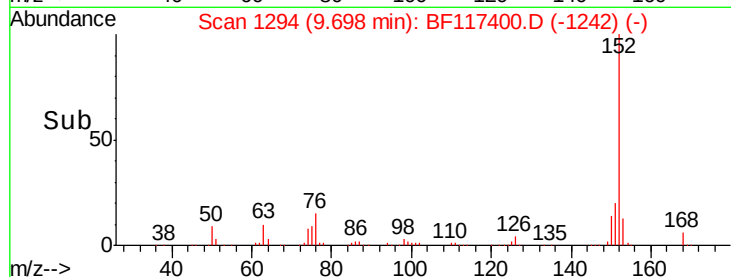
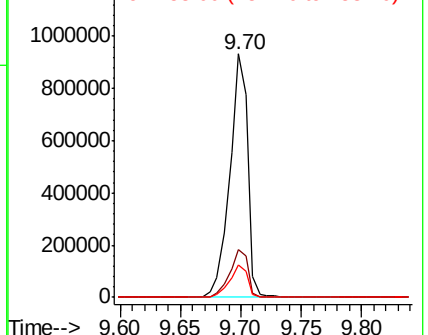
152 100

151 19.8 15.5 23.3

153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 77.924 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

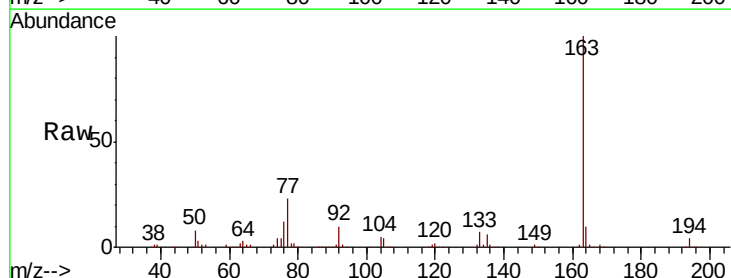
Tgt Ion:163 Resp: 753258

Ion Ratio Lower Upper

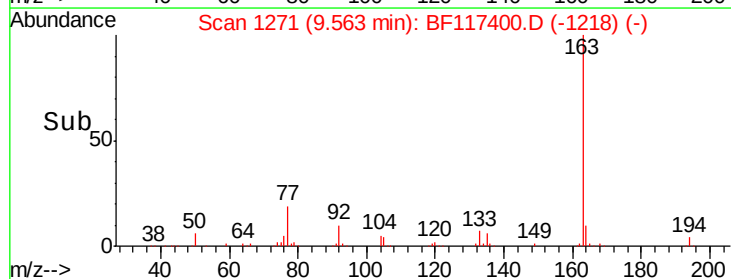
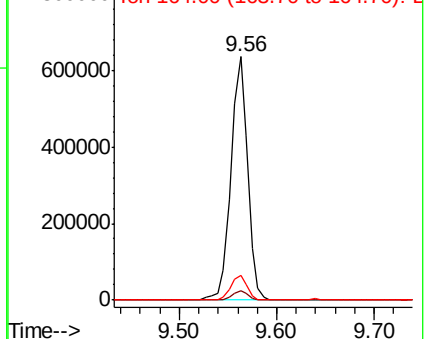
163 100

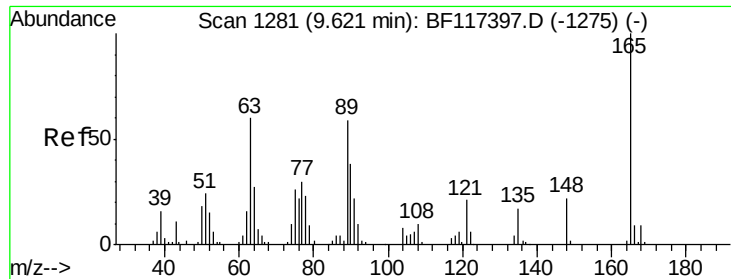
194 3.7 3.1 4.7

164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 81.772 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

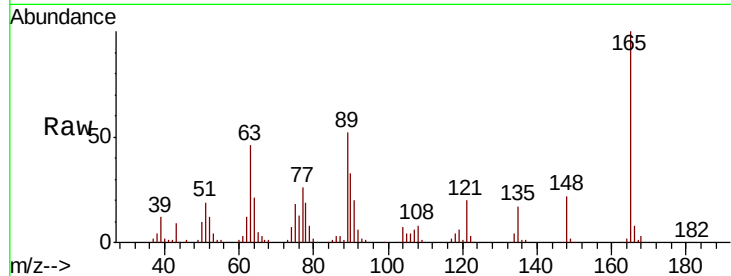
Tot Ion:165 Resp: 160990

Ion Ratio Lower Upper

165 100

63 46.1 47.8 71.6#

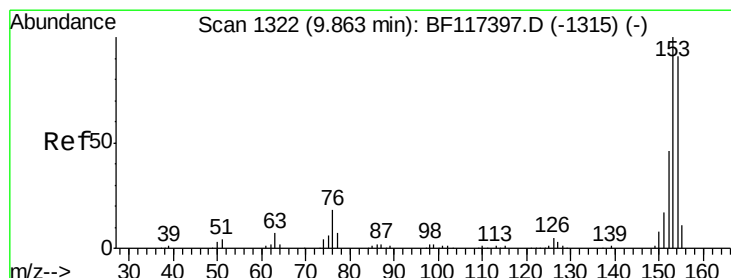
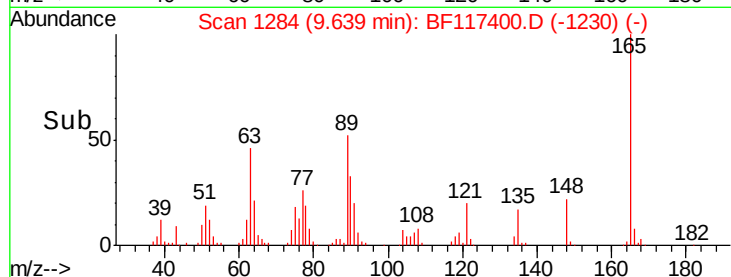
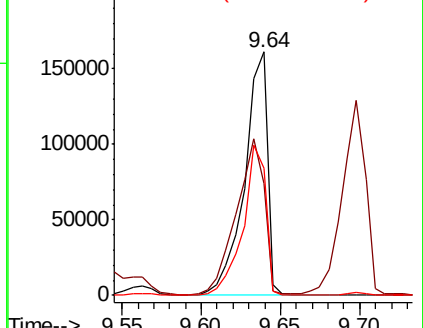
89 52.4 47.4 71.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 78.265 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

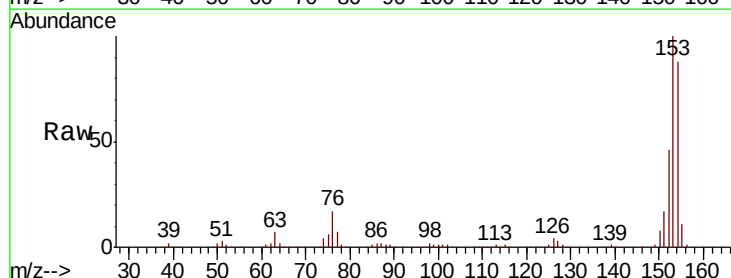
Tgt Ion:154 Resp: 587400

Ion Ratio Lower Upper

154 100

153 113.3 87.9 131.9

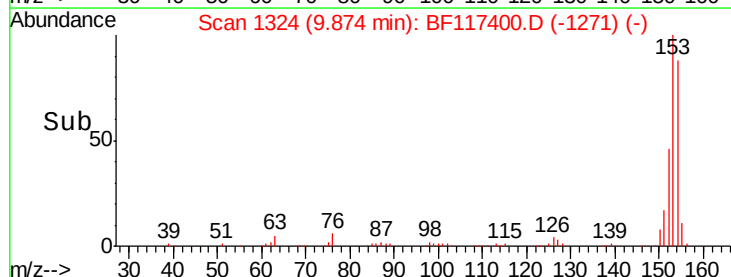
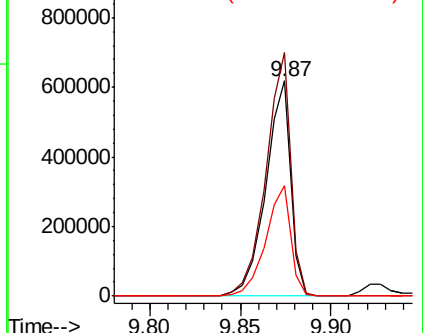
152 51.6 40.8 61.2

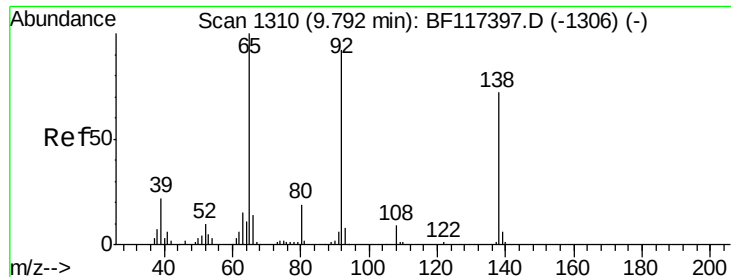


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

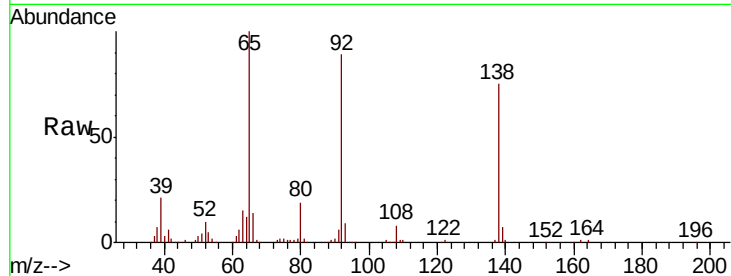




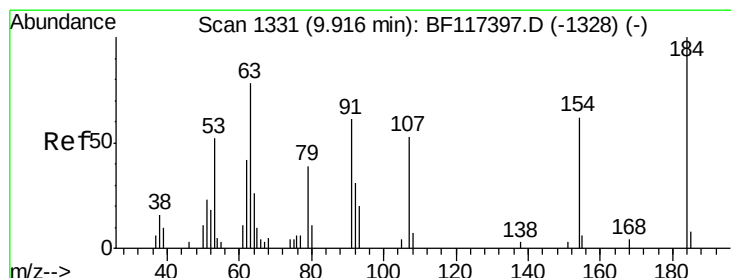
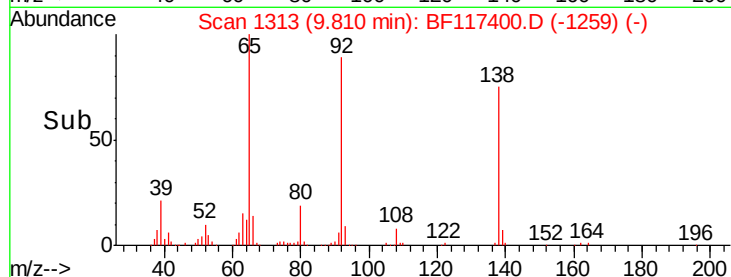
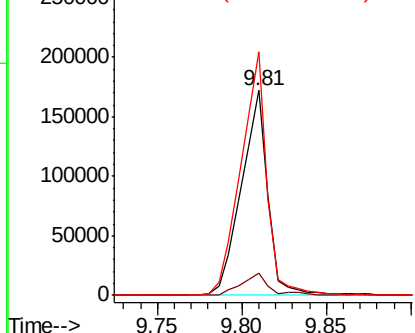
#53
3-Nitroaniline
Concen: 75.549 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 187664
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 119.0 102.2 153.4

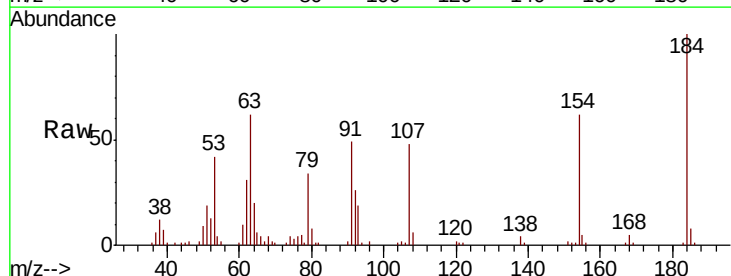


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

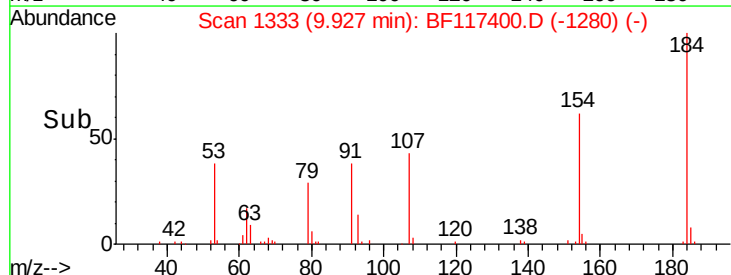
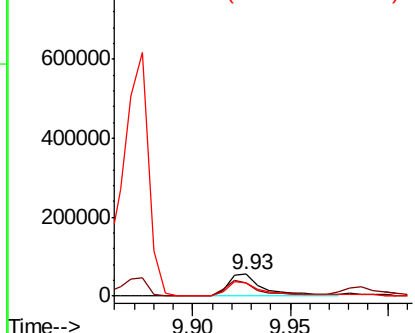


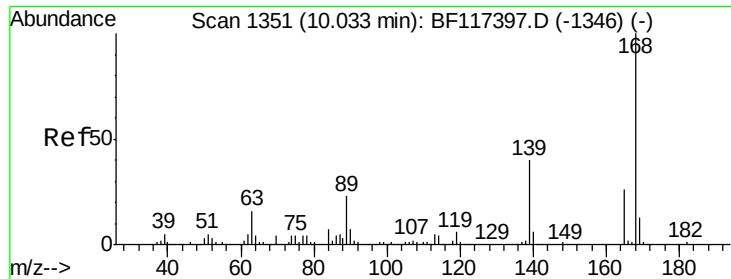
#54
2,4-Dinitrophenol
Concen: 104.421 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:184 Resp: 72769
Ion Ratio Lower Upper
184 100
63 62.1 62.4 93.6#
154 61.5 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

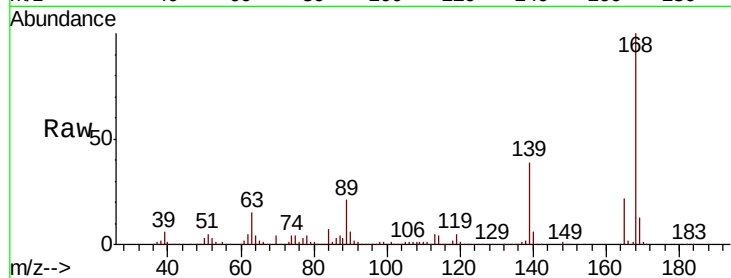




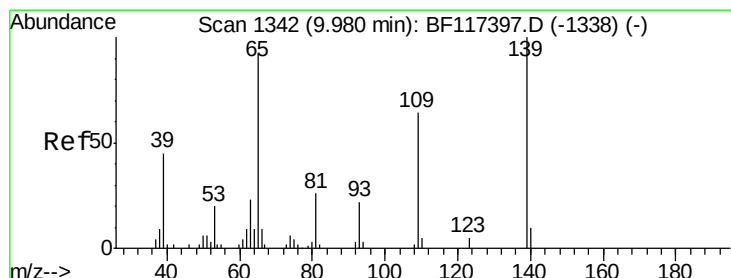
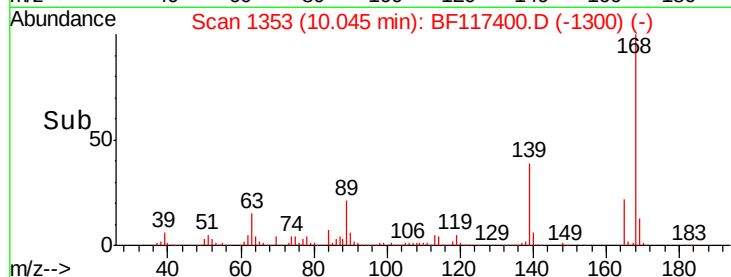
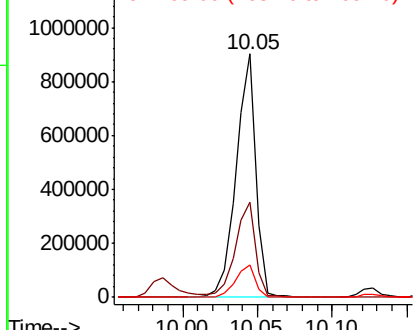
#55
Dibenzofuran
Concen: 75.859 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 840023
Ion Ratio Lower Upper
168 100
139 39.2 33.3 49.9
169 13.2 10.7 16.1

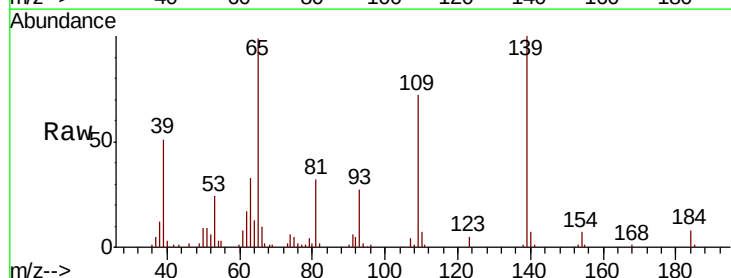


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

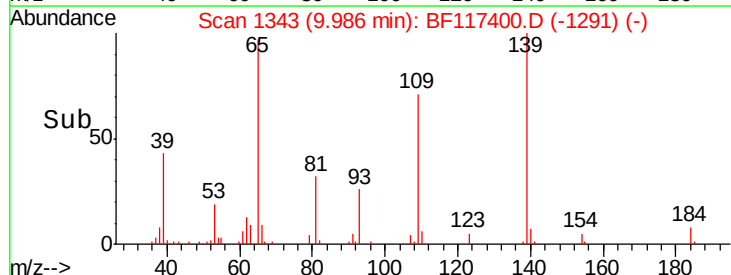
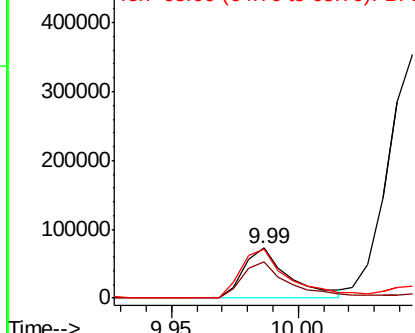


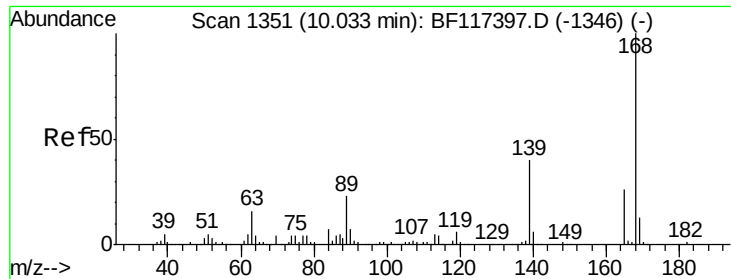
#56
4-Nitrophenol
Concen: 56.248 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:139 Resp: 90554
Ion Ratio Lower Upper
139 100
109 71.6 43.8 83.8
65 98.6 73.9 113.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

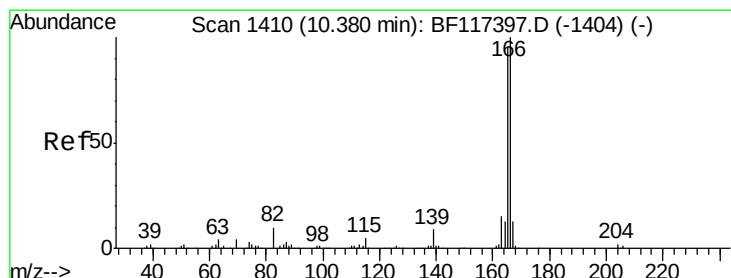
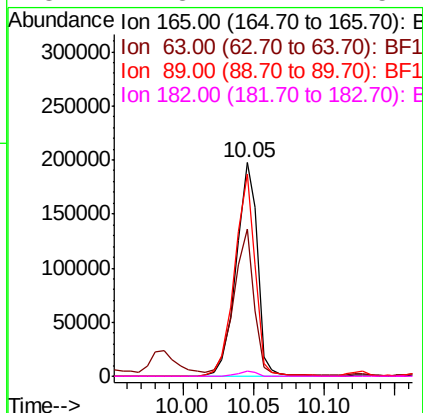
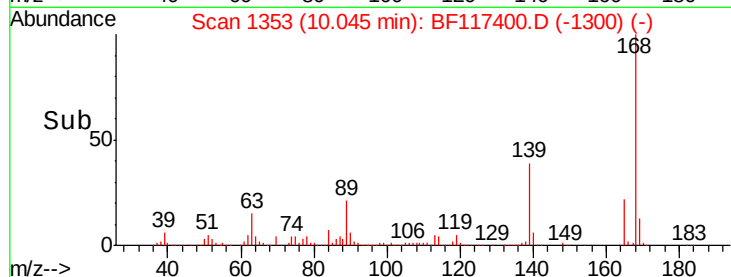
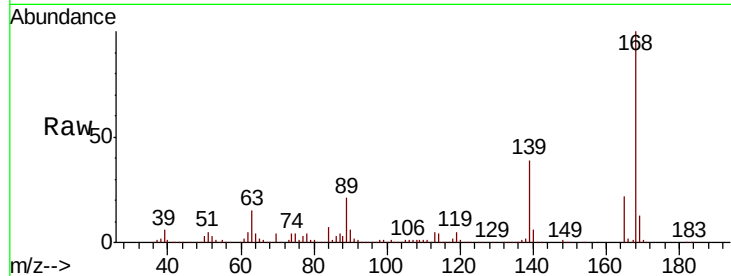




#57
 2,4-Dinitrotoluene
 Concen: 80.788 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

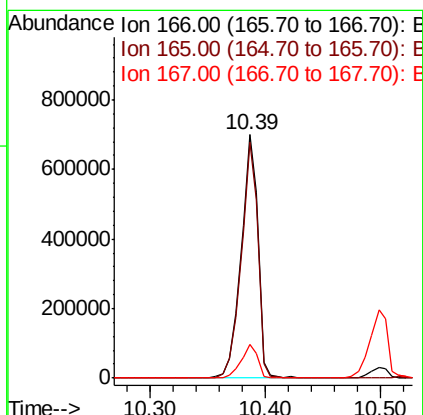
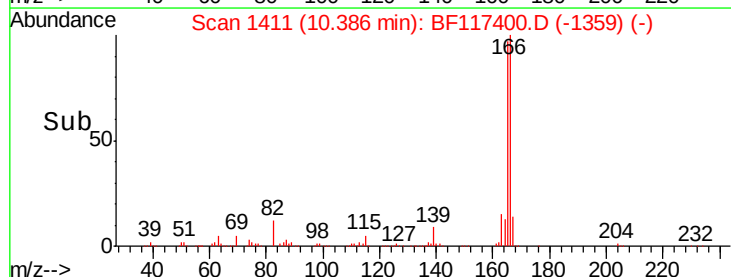
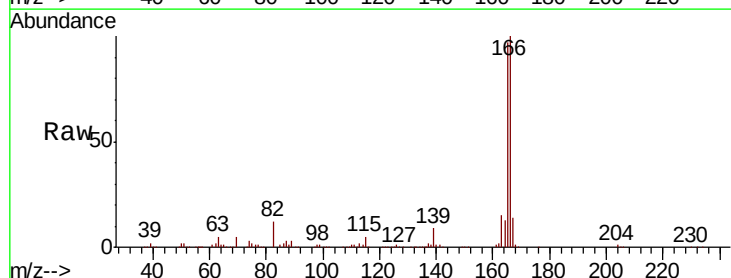
Instrument :
 BNA_F
 ClientSampleId :

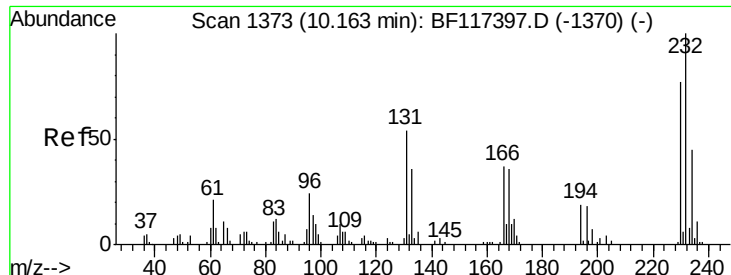
Tot Ion:165 Resp: 206461
 Ion Ratio Lower Upper
 165 100
 63 69.0 51.0 76.4
 89 94.6 70.7 106.1
 182 2.3 2.1 3.1



#58
 Fluorene
 Concen: 79.190 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion:166 Resp: 706379
 Ion Ratio Lower Upper
 166 100
 165 96.7 75.7 113.5
 167 13.7 10.4 15.6

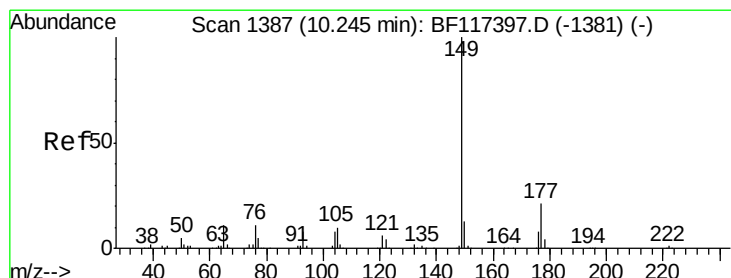
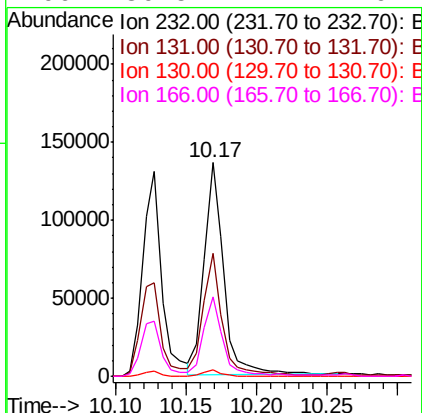
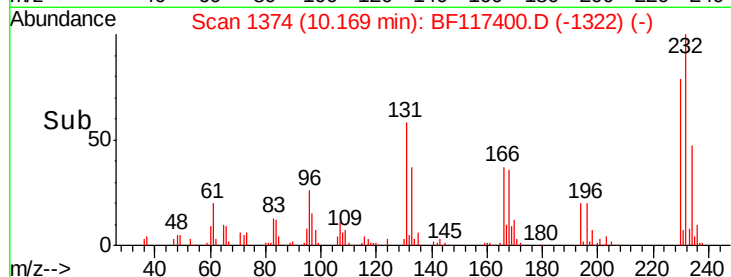
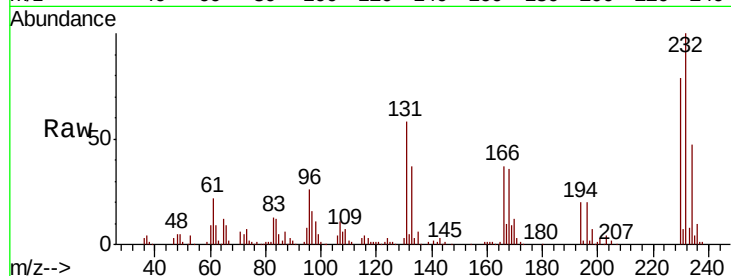




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 67.800 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

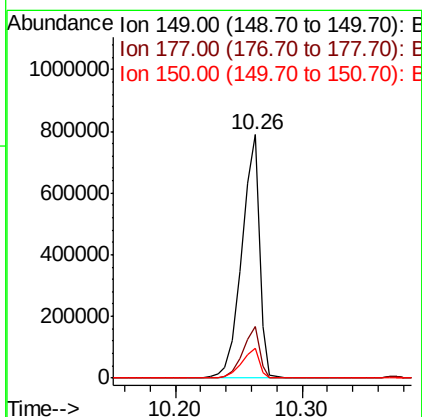
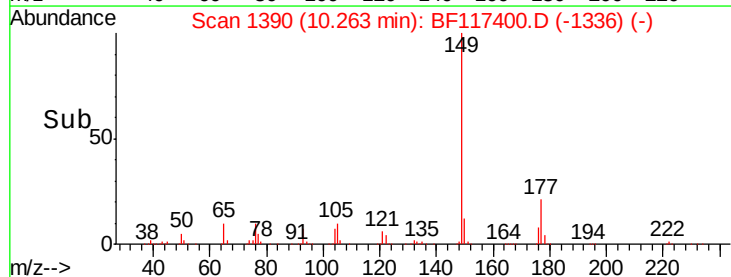
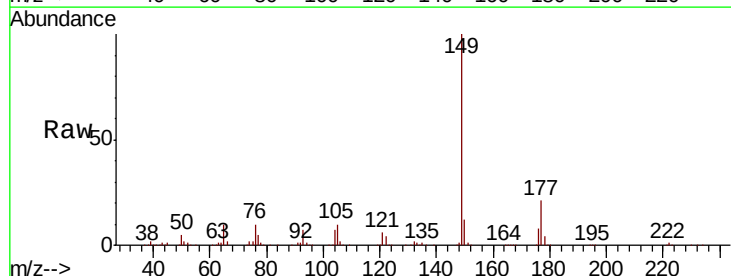
Instrument :
 BNA_F
 ClientSampleId :

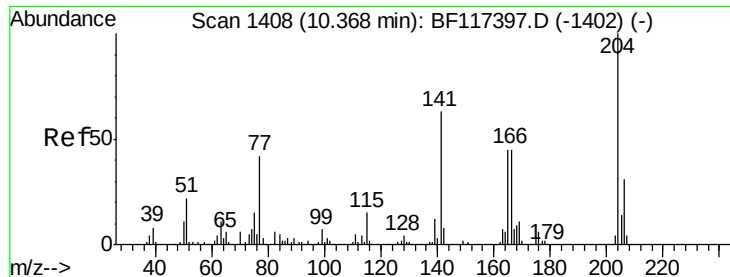
Tot Ion:	232	Resp:	132621
Ion	Ratio	Lower	Upper
232	100		
131	56.0	44.5	66.7
130	2.7	2.0	3.0
166	36.5	27.1	40.7



#60
 Diethylphthalate
 Concen: 78.761 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.02 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion:	149	Resp:	749035
Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.5	24.7
150	12.2	10.1	15.1

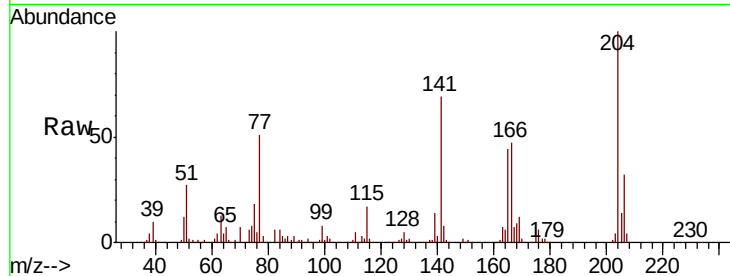




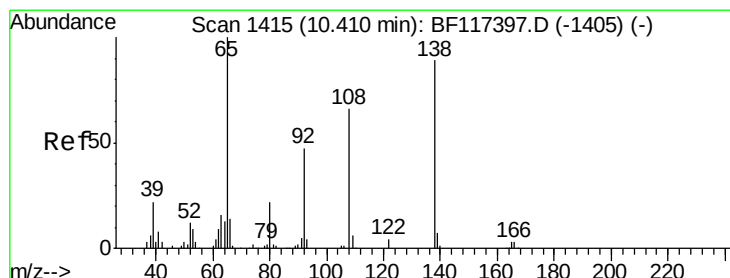
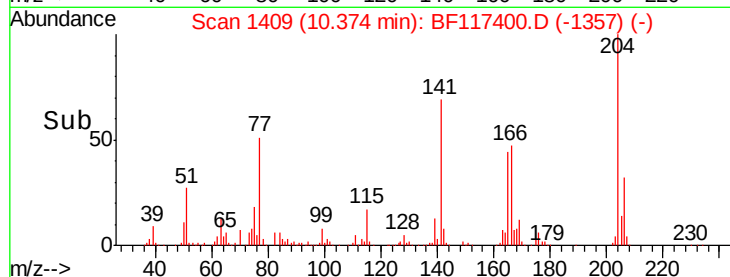
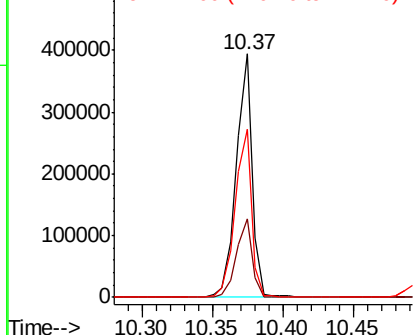
#61
 4-Chlorophenyl-phenylether
 Concen: 80.347 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.0	37.4
141	68.8	50.7	76.1

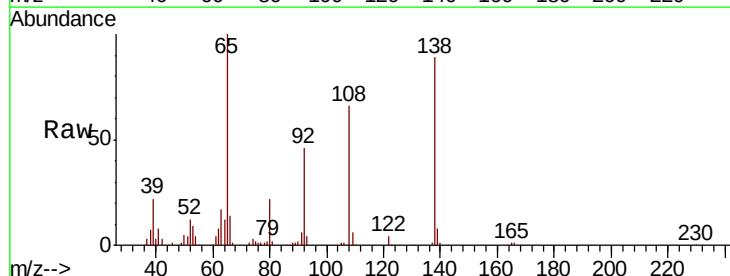


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

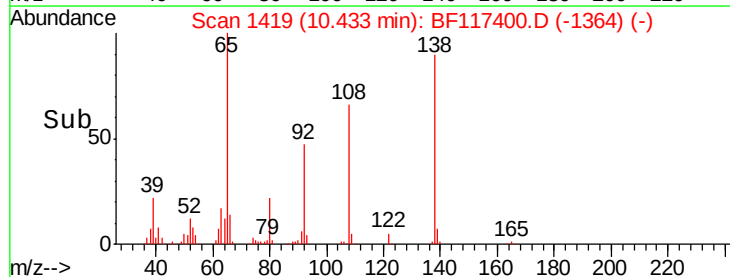
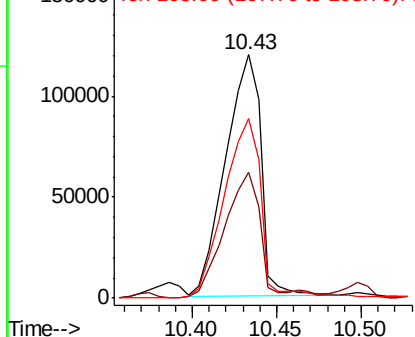


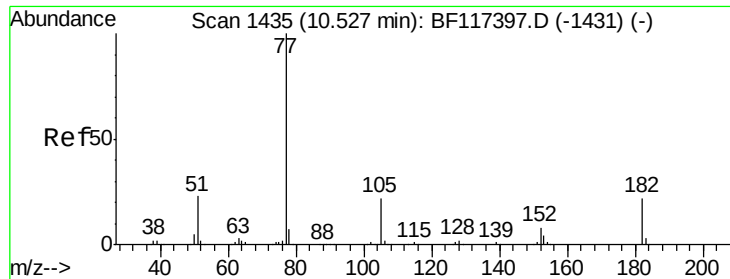
#62
 4-Nitroaniline
 Concen: 67.763 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.02 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	32.4	72.4
108	73.8	53.8	93.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 79.986 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 776909

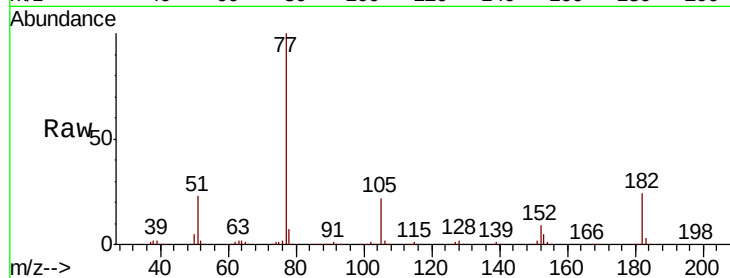
Ion Ratio Lower Upper

77 100

182 23.8 1.5 41.5

105 22.4 1.8 41.8

51 22.5 3.3 43.3

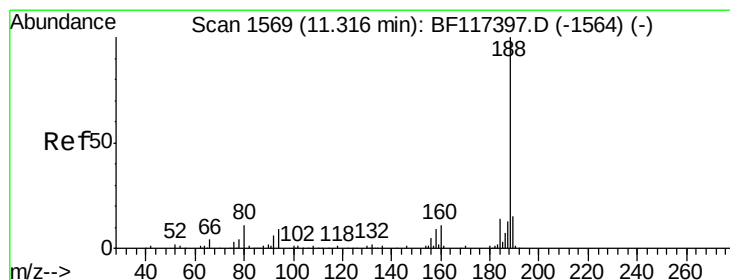
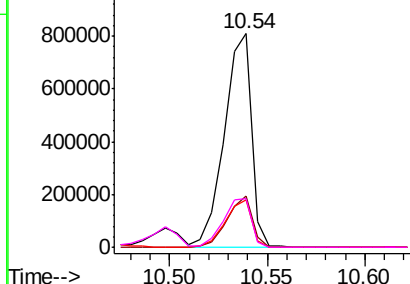
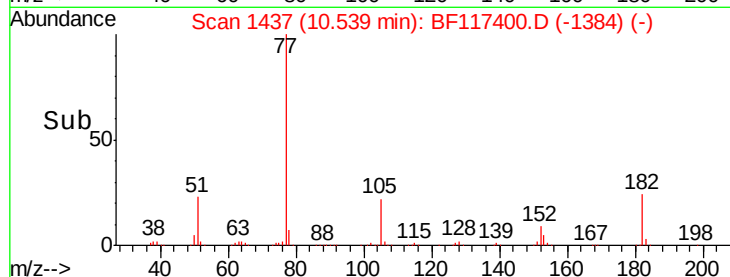


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

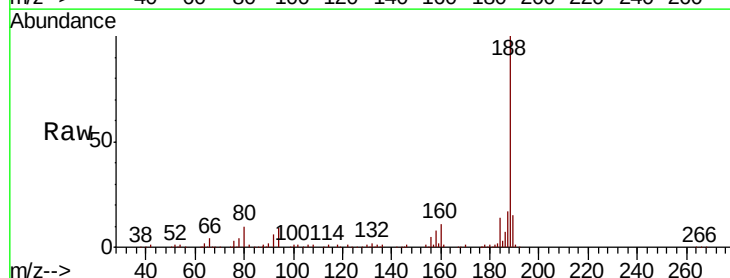
Tgt Ion: 188 Resp: 206570

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

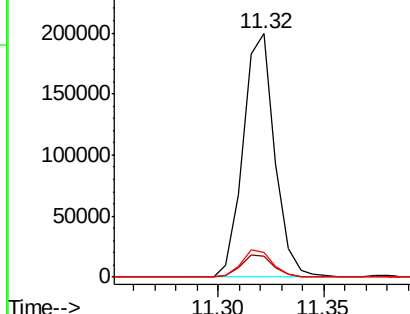
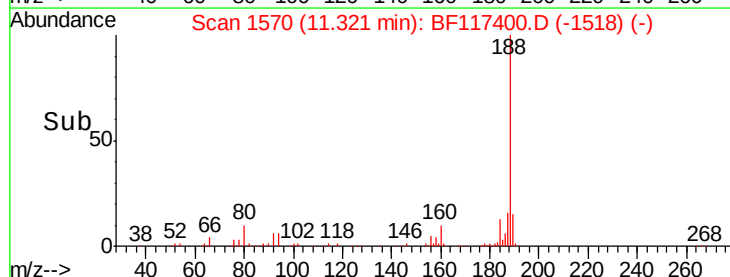
80 10.4 8.7 13.1

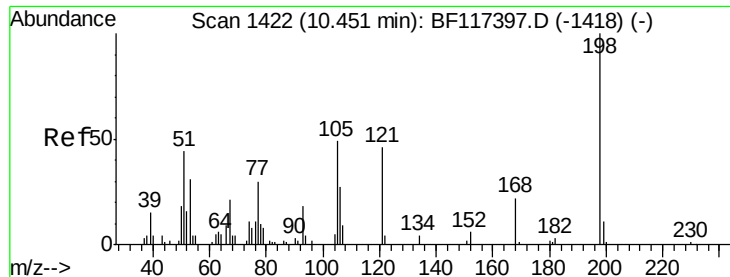


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

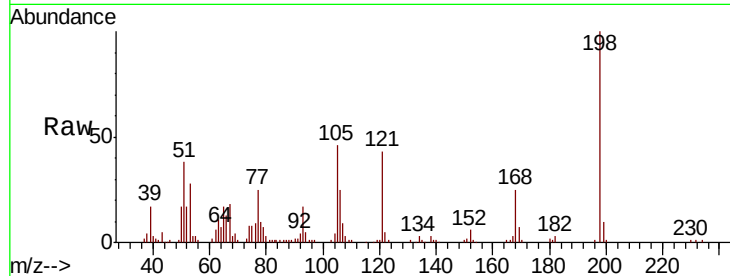




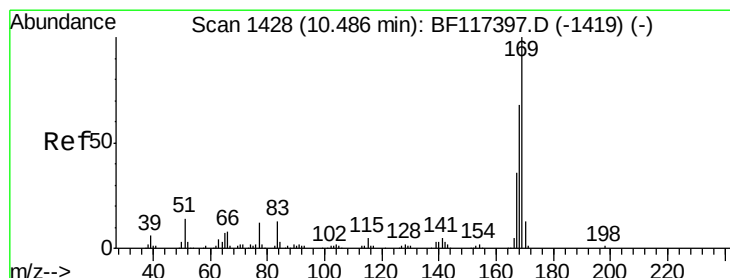
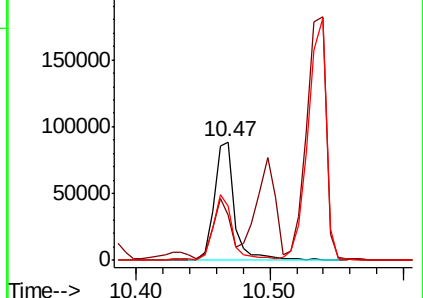
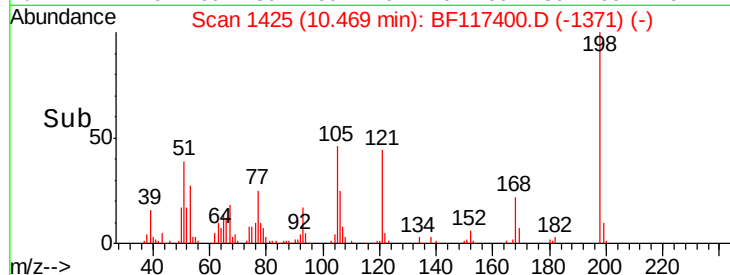
#65
4,6-Dinitro-2-methylphenol
Concen: 109.926 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 95304
Ion Ratio Lower Upper
198 100
51 38.2 25.9 65.9
105 46.0 29.4 69.4

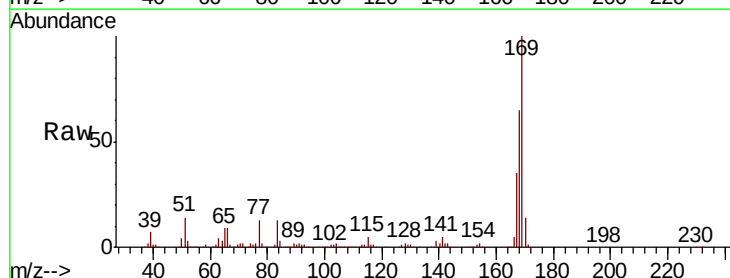


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

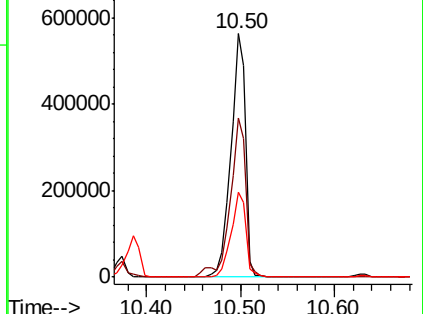
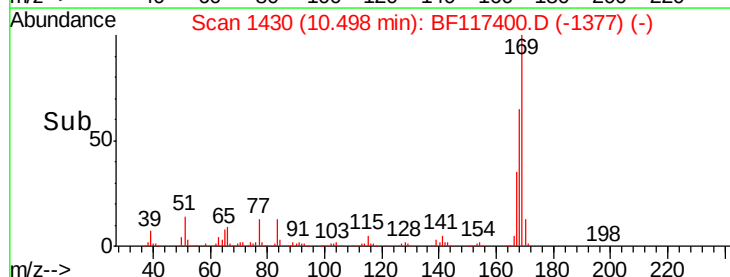


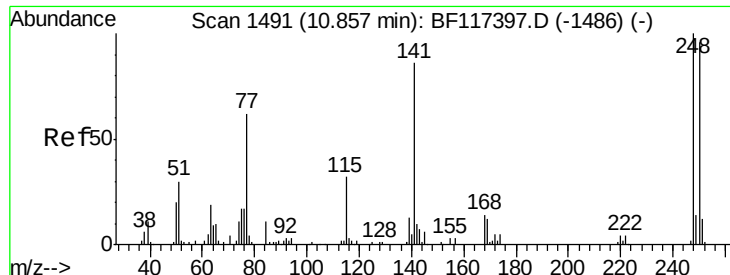
#66
n-Nitrosodiphenylamine
Concen: 85.154 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:169 Resp: 607494
Ion Ratio Lower Upper
169 100
168 65.3 54.1 81.1
167 34.8 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

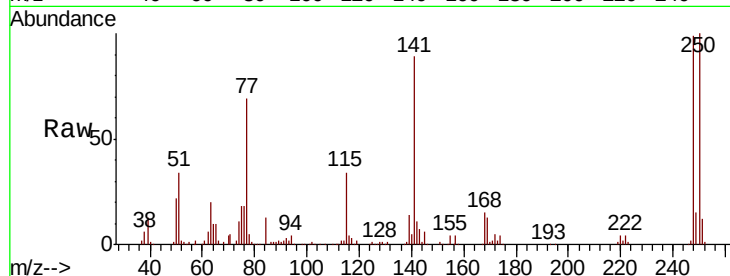




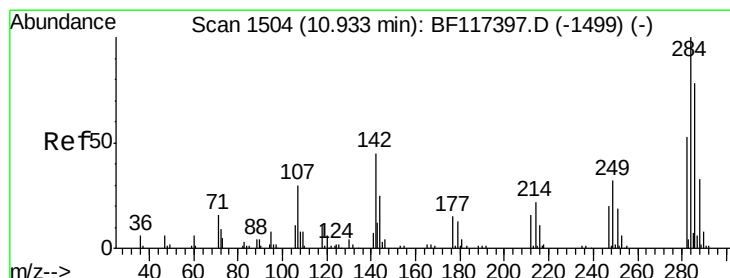
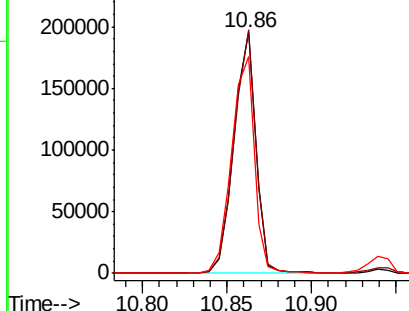
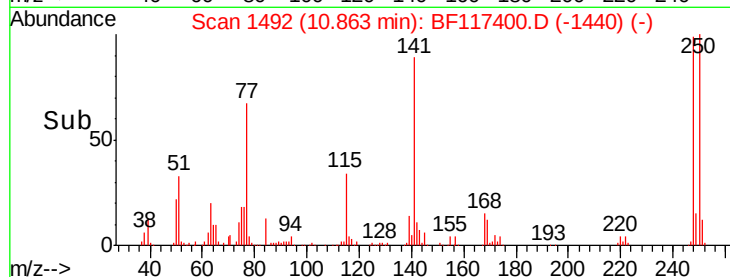
#67
4-Bromophenyl-phenylether
Concen: 83.682 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 176534
Ion Ratio Lower Upper
248 100
250 101.0 77.1 115.7
141 90.0 69.1 103.7

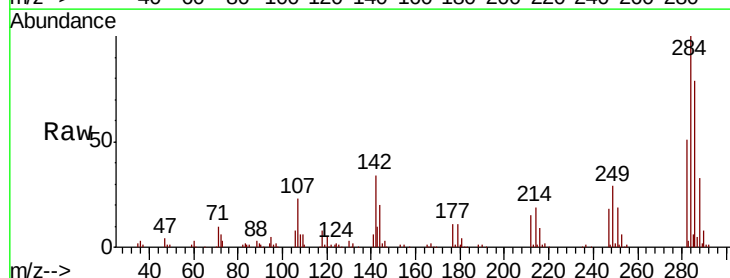


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

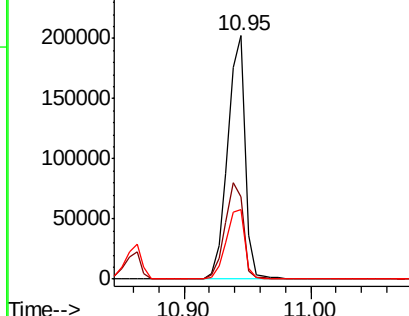
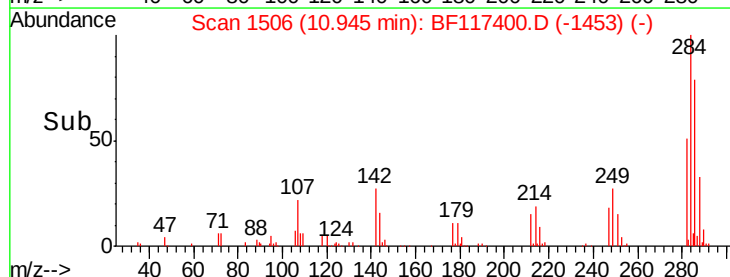


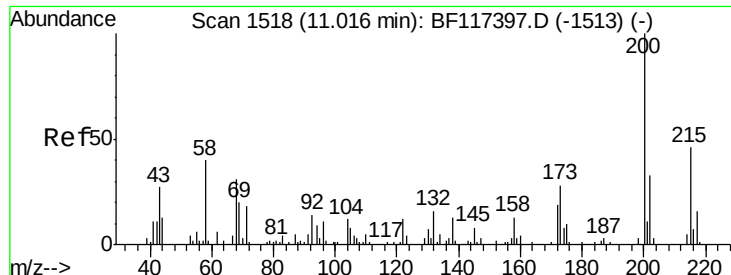
#68
Hexachlorobenzene
Concen: 83.941 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:284 Resp: 193683
Ion Ratio Lower Upper
284 100
142 34.0 35.7 53.5#
249 28.7 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 26.071 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

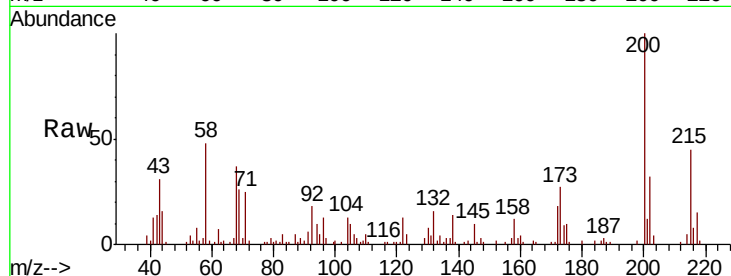
Tot Ion:200 Resp: 45687

Ion Ratio Lower Upper

200 100

173 27.4 8.0 48.0

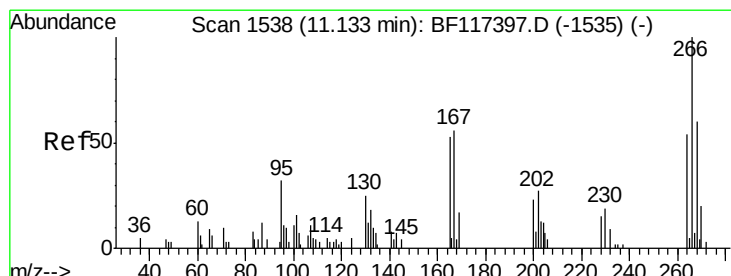
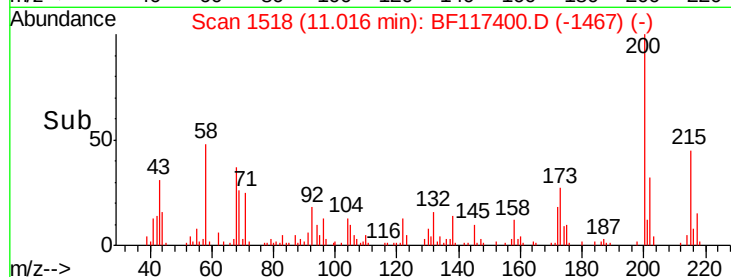
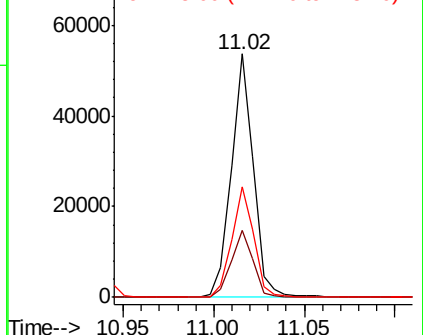
215 45.4 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.186 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

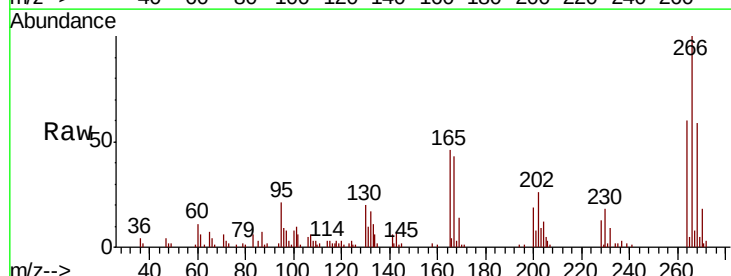
Tgt Ion:266 Resp: 65096

Ion Ratio Lower Upper

266 100

268 59.2 47.8 71.6

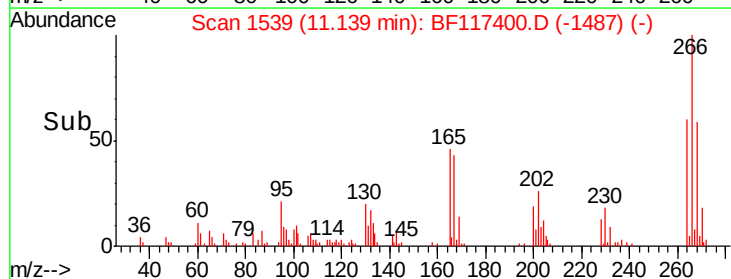
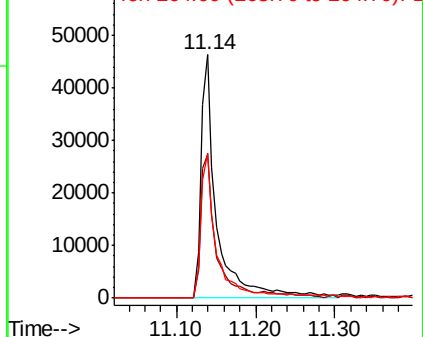
264 59.8 42.9 64.3

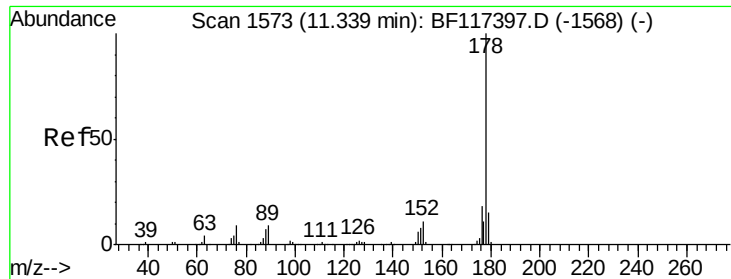


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 79.545 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

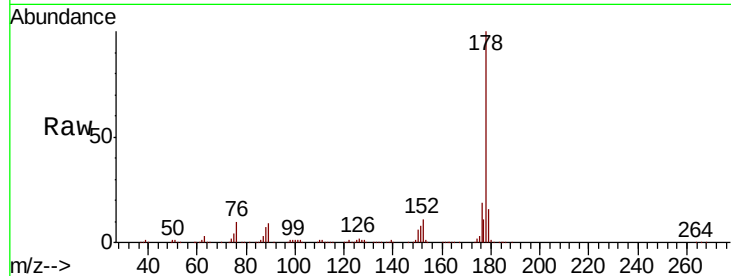
Tot Ion:178 Resp: 933303

Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

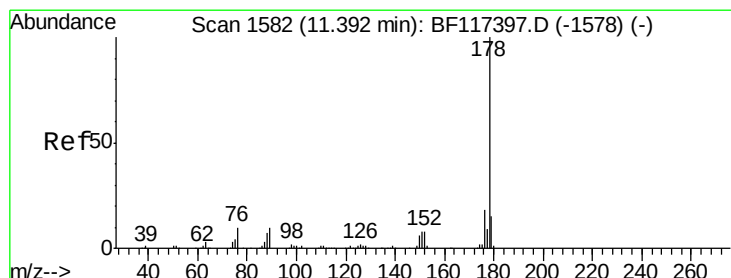
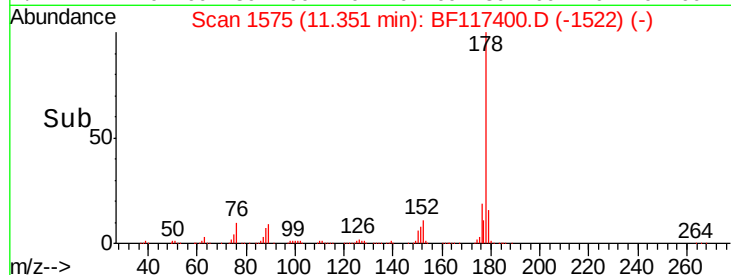
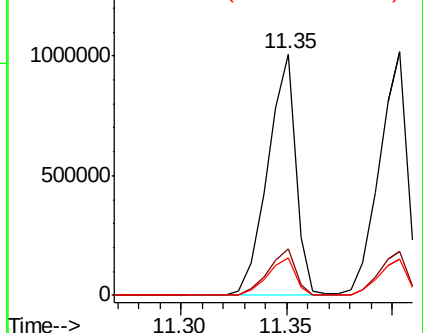
179 15.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 80.346 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

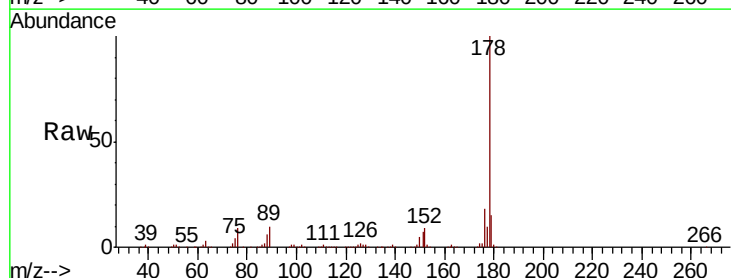
Tgt Ion:178 Resp: 962433

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

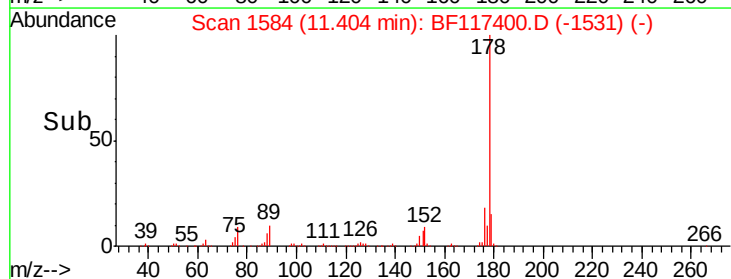
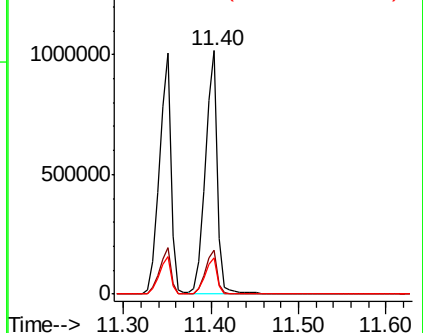
179 15.0 12.1 18.1

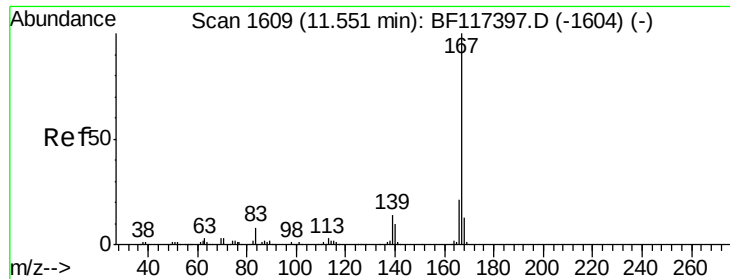


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

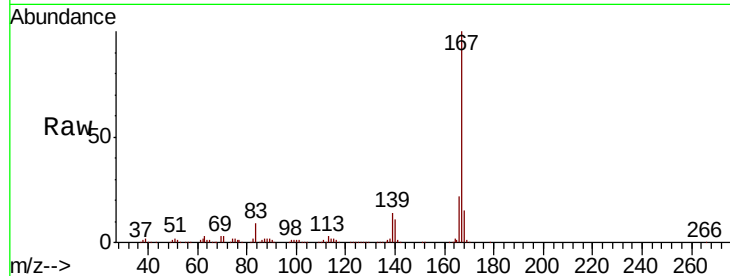




#73
 Carbazole
 Concen: 76.335 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.4
139	13.8	10.8	16.2

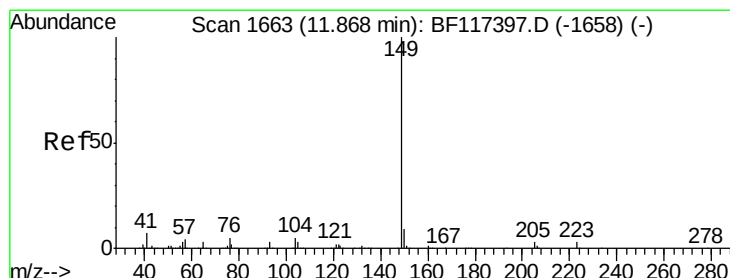
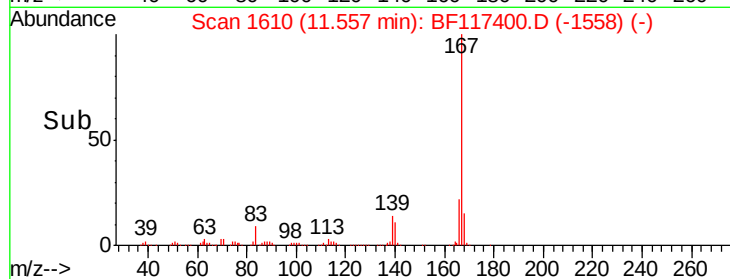
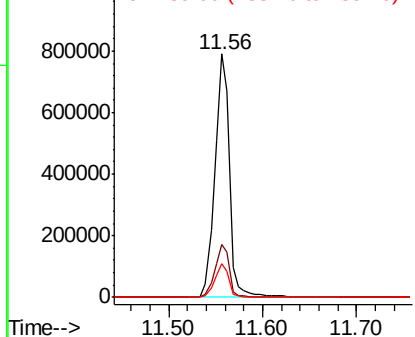


Abundance

Ion 167.00 (166.70 to 167.70): E

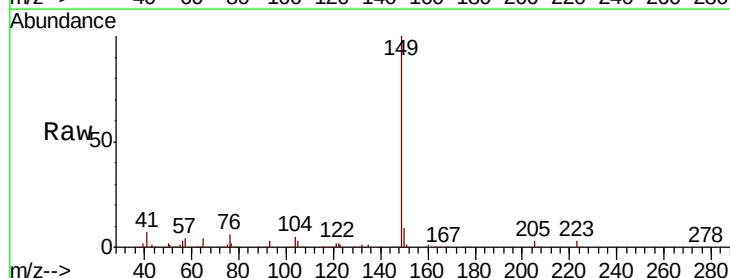
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 88.042 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.0	10.6
104	5.4	4.2	6.2

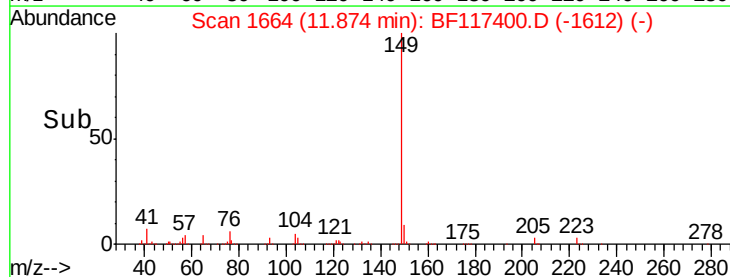
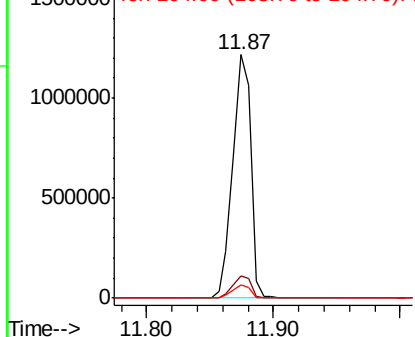


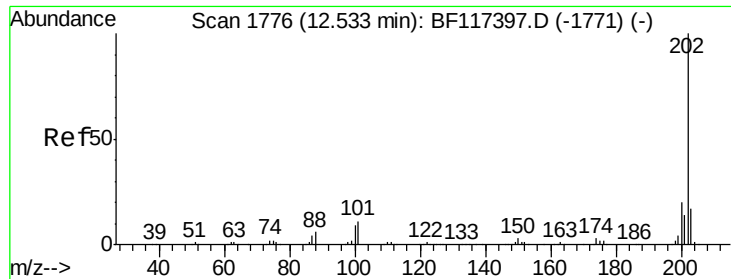
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

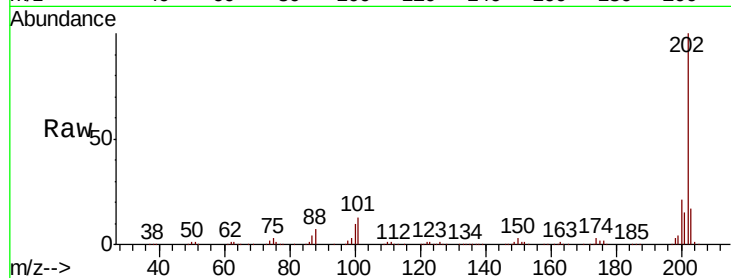




#75
 Fluoranthene
 Concen: 74.901 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.3
203	17.4	0.0	36.9

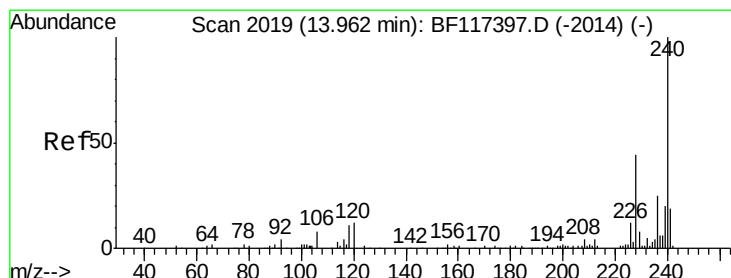
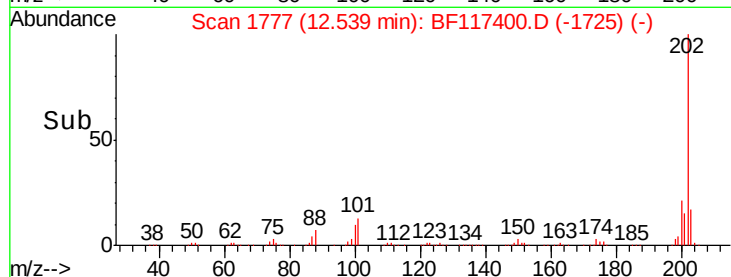
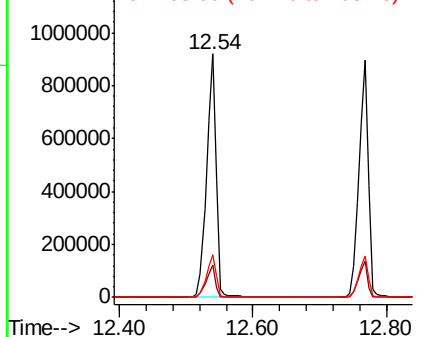


Abundance

Ion 202.00 (201.70 to 202.70): E

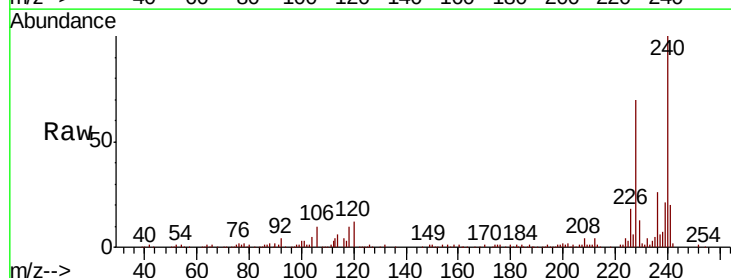
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.0
236	26.2	19.8	29.6

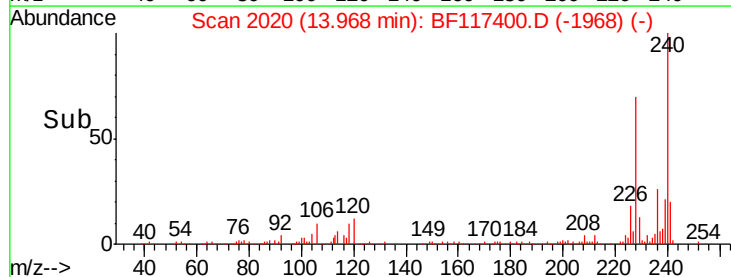
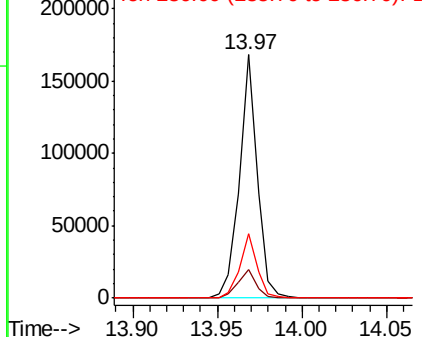


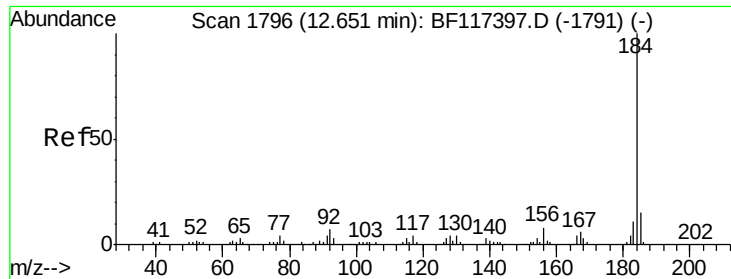
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

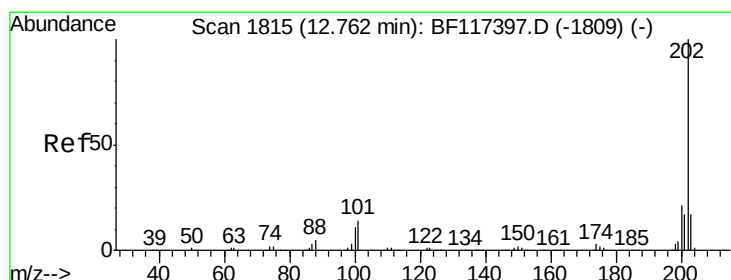
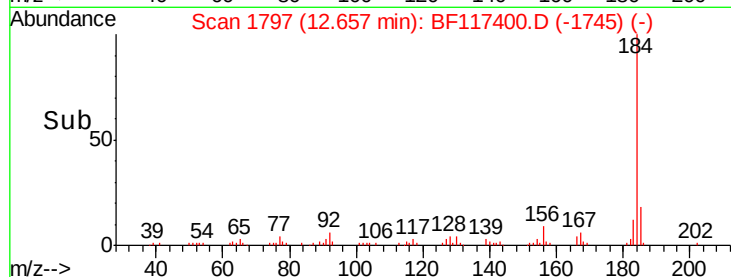
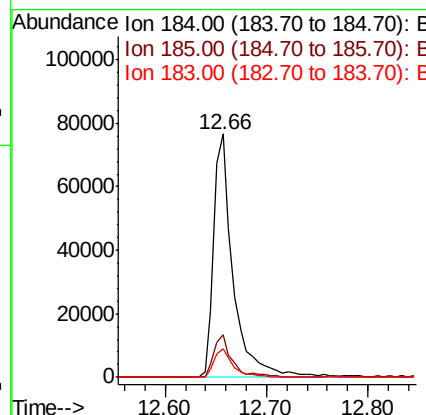
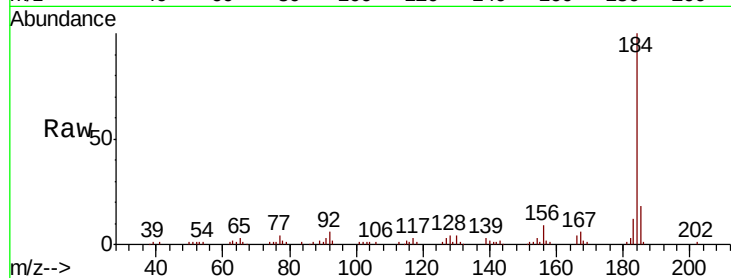




#77
Benzidine
Concen: 25.917 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

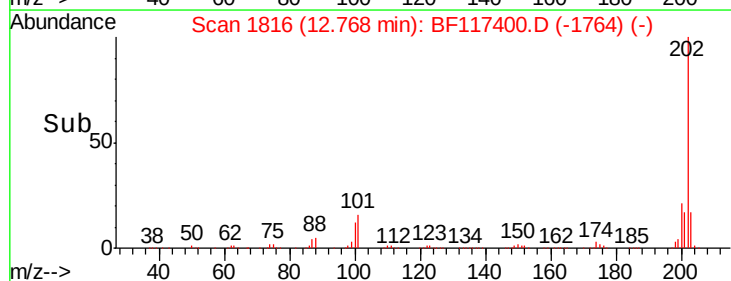
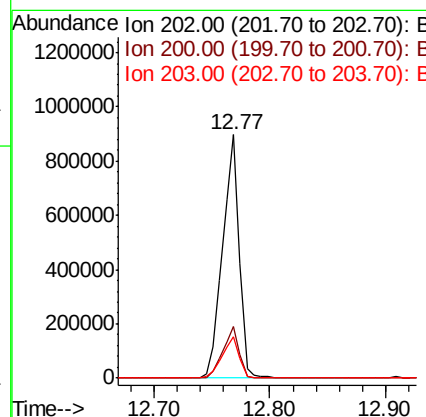
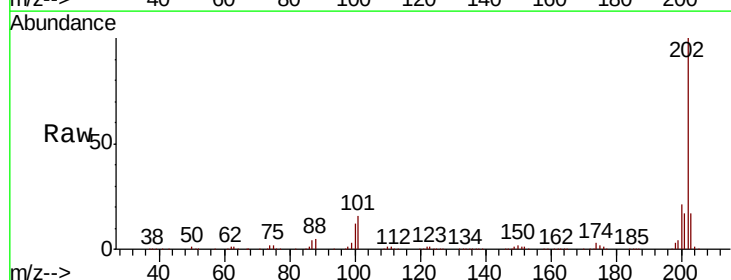
Instrument :
BNA_F
ClientSampled :

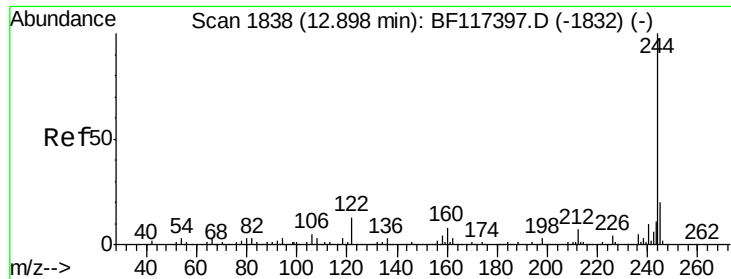
Tot Ion:184 Resp: 102885
Ion Ratio Lower Upper
184 100
185 17.7 12.2 18.2
183 11.6 8.9 13.3



#78
Pyrene
Concen: 87.118 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:202 Resp: 900844
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.2 14.0 21.0



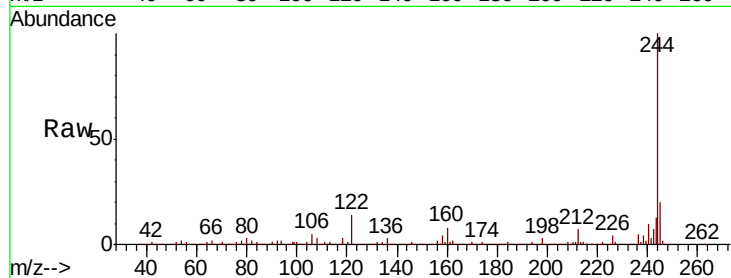


#79
 Terphenyl-d14
 Concen: 185.924 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

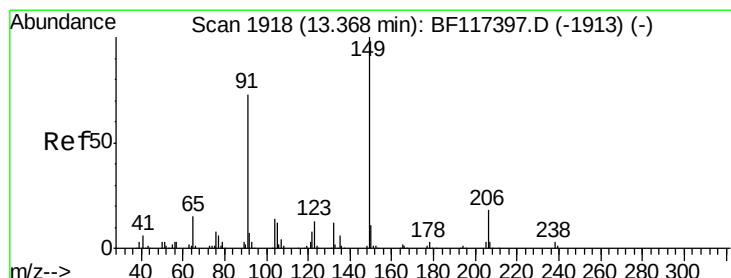
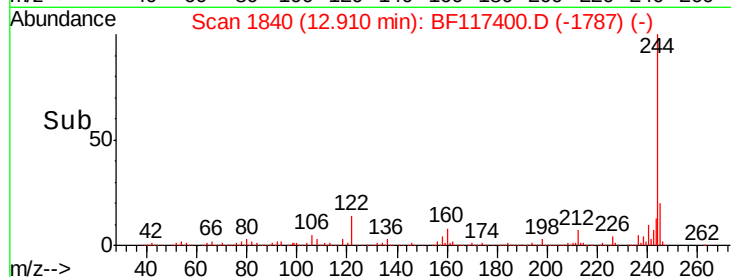
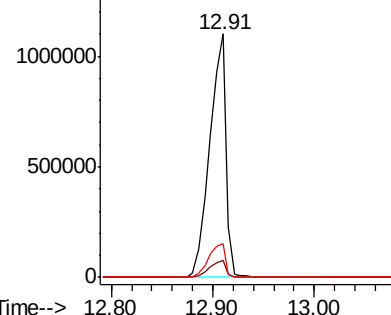
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1225787

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.8	10.7	16.1



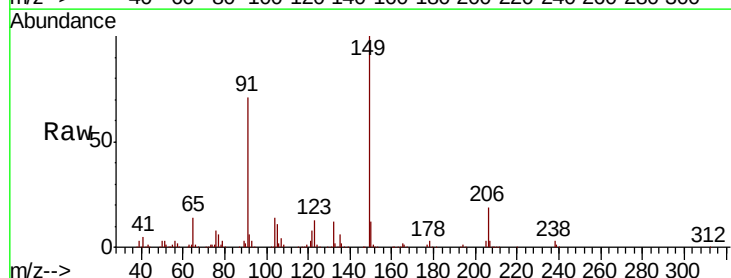
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



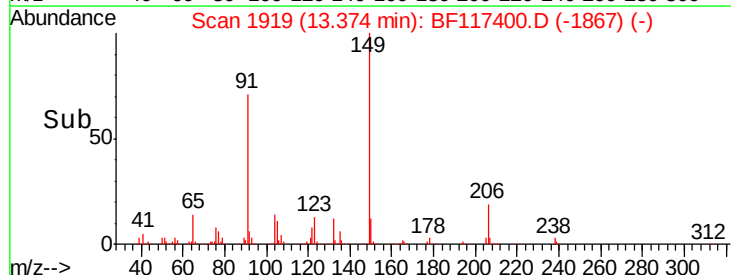
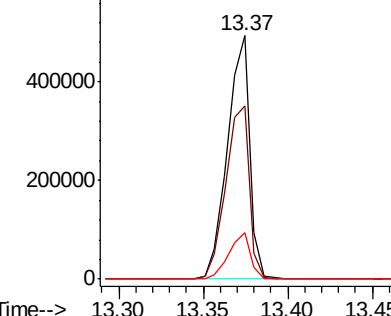
#80
 Butylbenzylphthalate
 Concen: 93.298 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: BF117400.D
 Acq: 14 Oct 2019 14:23

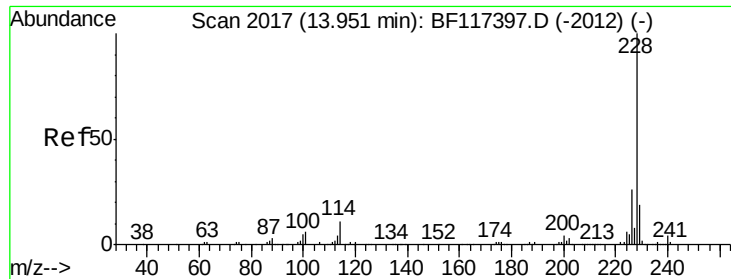
Tgt Ion:149 Resp: 455862

Ion	Ratio	Lower	Upper
149	100		
91	71.1	58.5	87.7
206	18.9	14.4	21.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

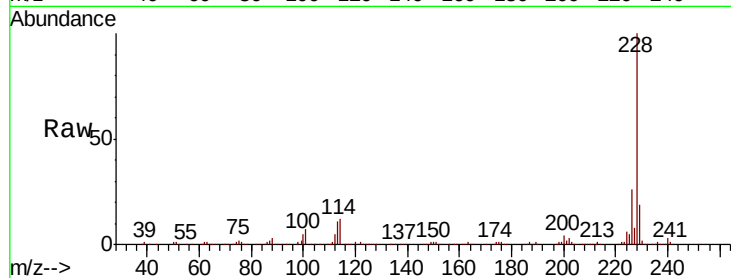




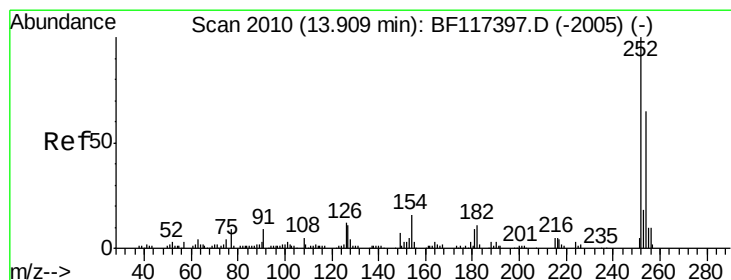
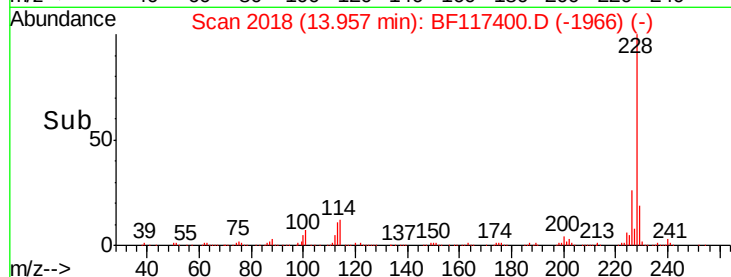
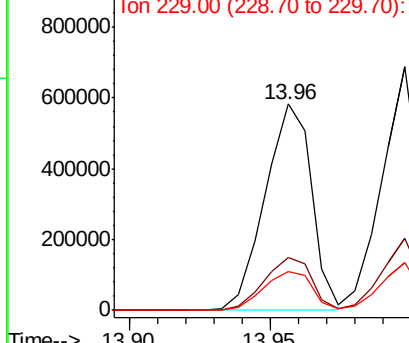
#81
Benzo(a)anthracene
Concen: 80.935 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 666387
Ion Ratio Lower Upper
228 100
226 25.8 20.9 31.3
229 19.1 15.2 22.8

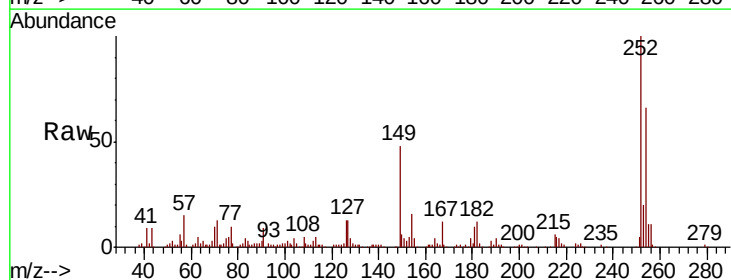


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

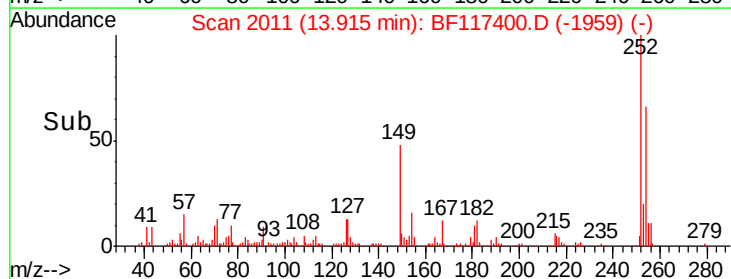
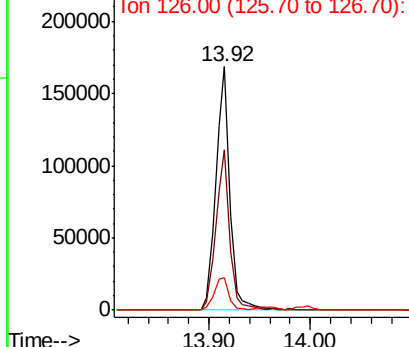


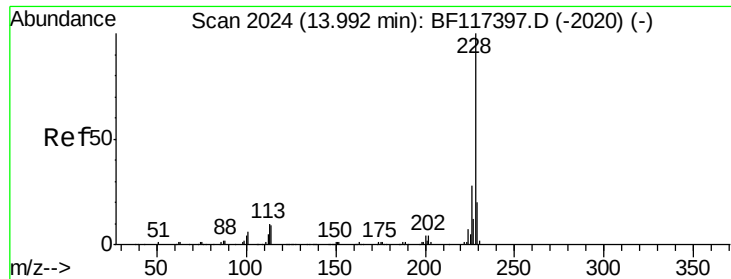
#82
3,3'-Dichlorobenzidine
Concen: 61.190 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:252 Resp: 162353
Ion Ratio Lower Upper
252 100
254 66.1 51.6 77.4
126 13.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 80.473 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

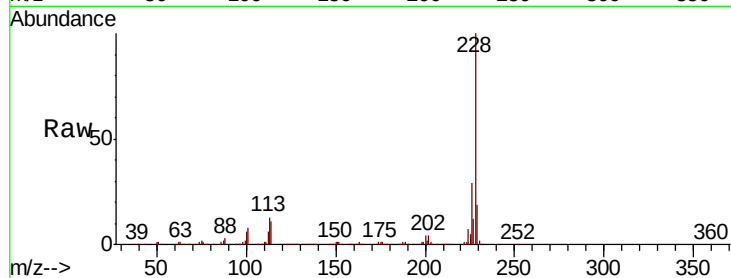
Tot Ion:228 Resp: 646234

Ion Ratio Lower Upper

228 100

226 29.4 22.8 34.2

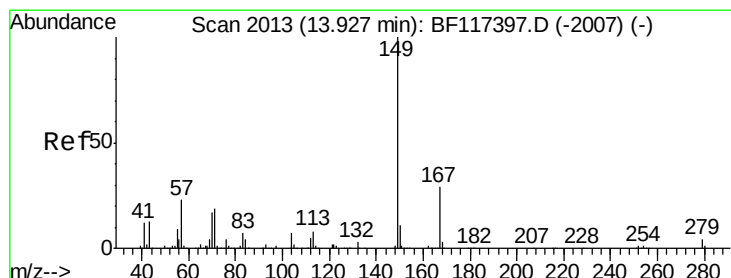
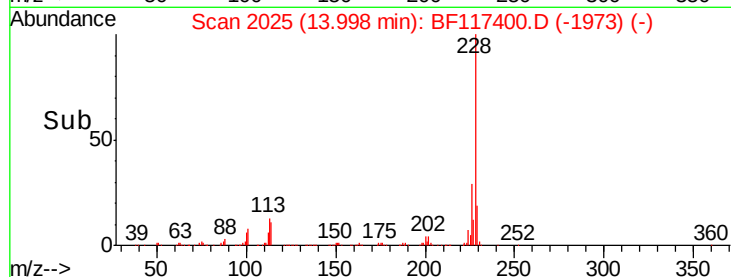
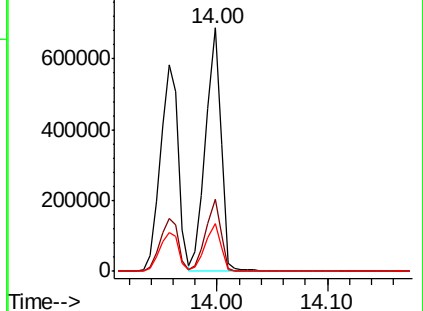
229 19.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 101.474 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

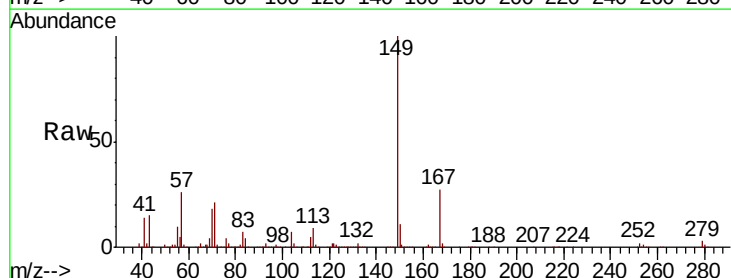
Tgt Ion:149 Resp: 639273

Ion Ratio Lower Upper

149 100

167 26.8 23.0 34.6

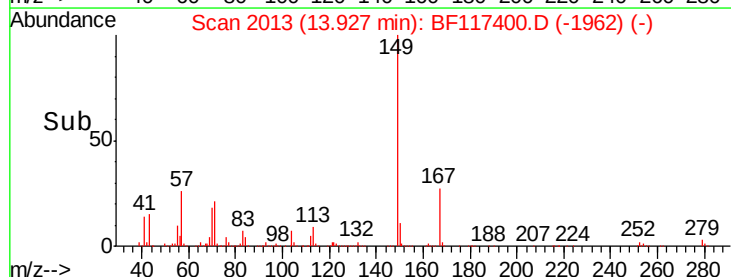
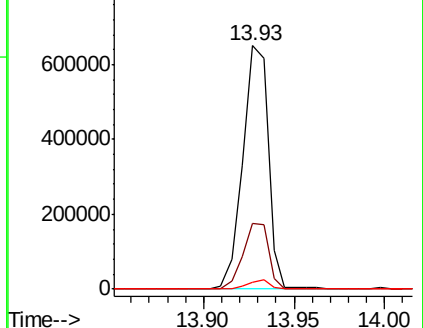
279 3.1 3.0 4.6

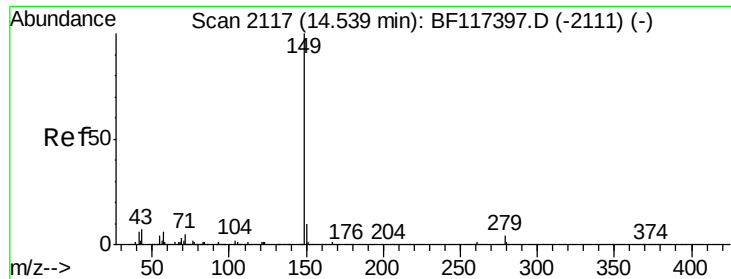


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 92.923 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

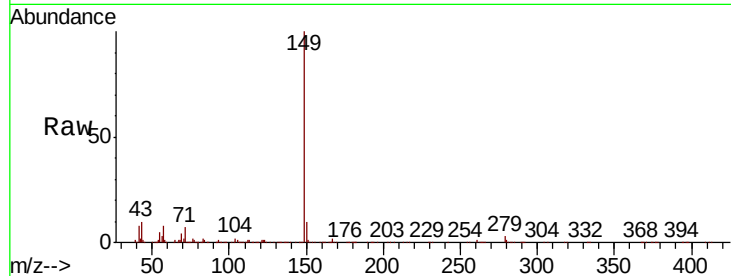
Tot Ion:149 Resp: 921386

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

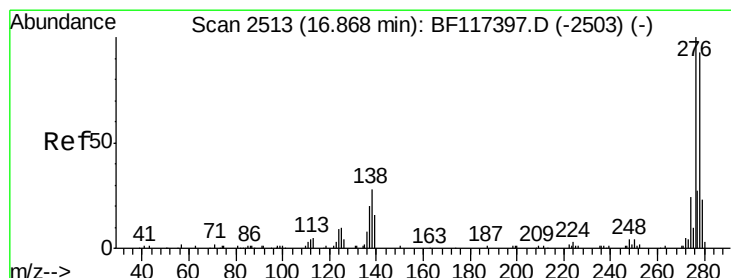
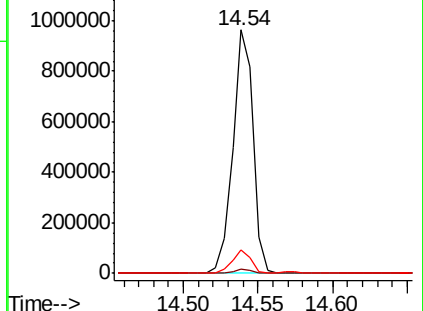
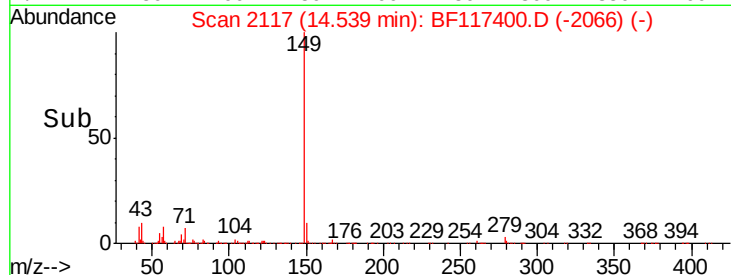
43 9.0 6.6 9.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 86.541 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

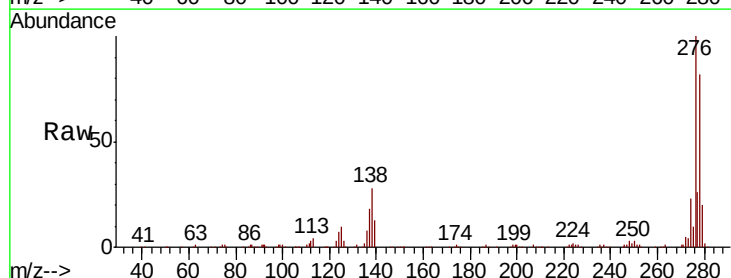
Tgt Ion:276 Resp: 507020

Ion Ratio Lower Upper

276 100

138 28.3 21.5 32.3

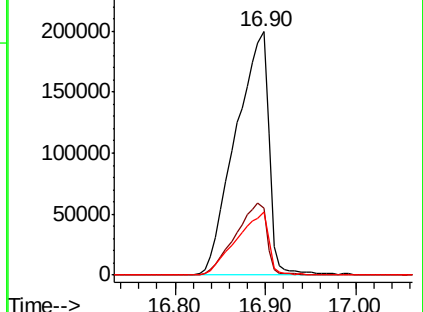
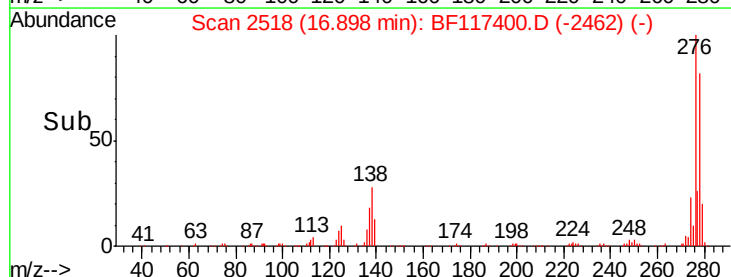
277 25.0 20.1 30.1

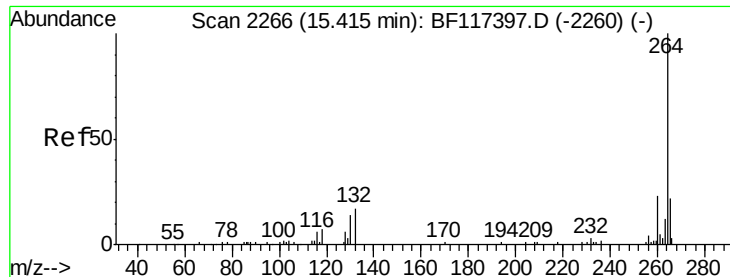


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



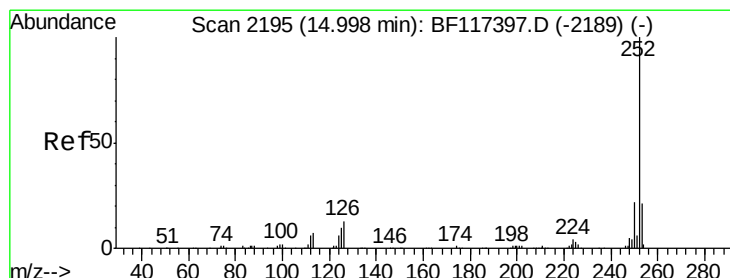
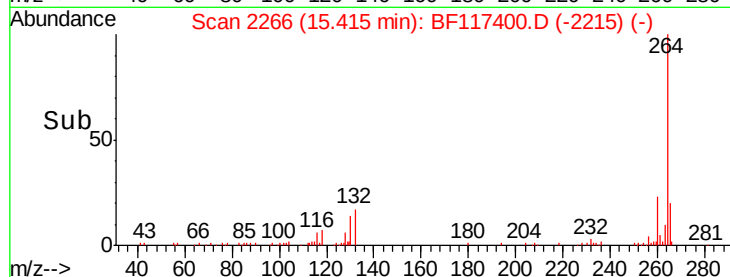
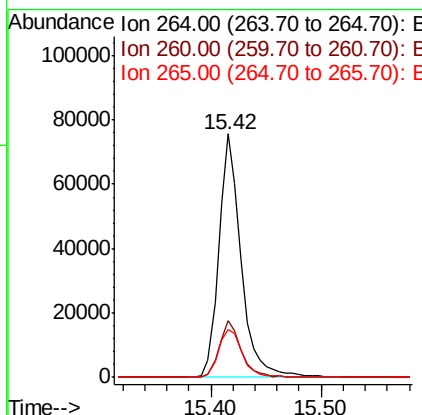
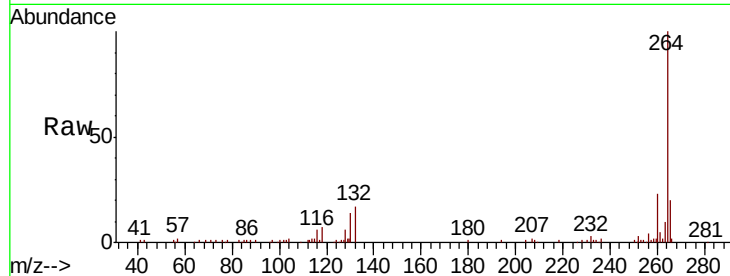


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 105575

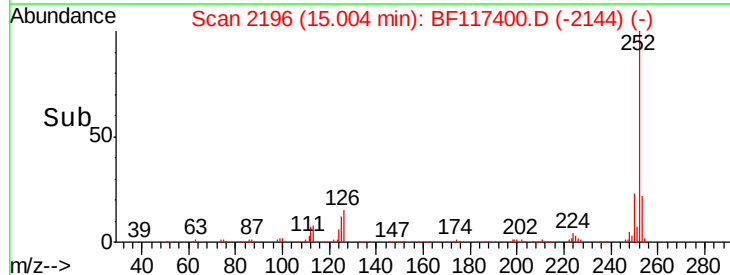
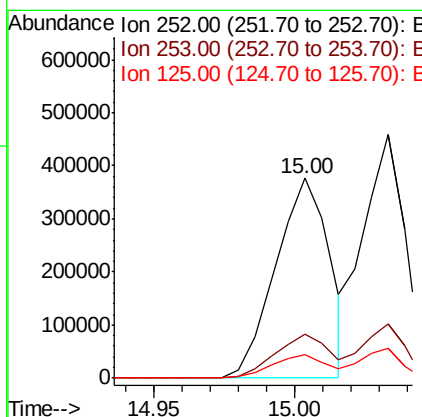
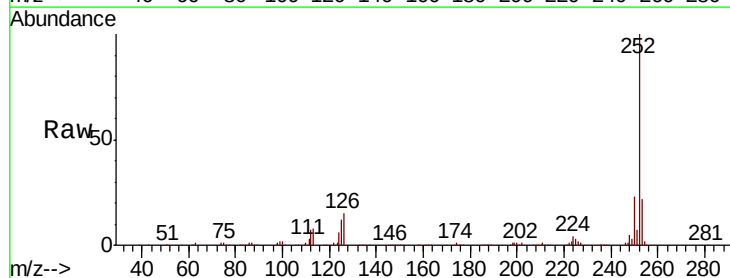
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	19.8	17.4	26.0

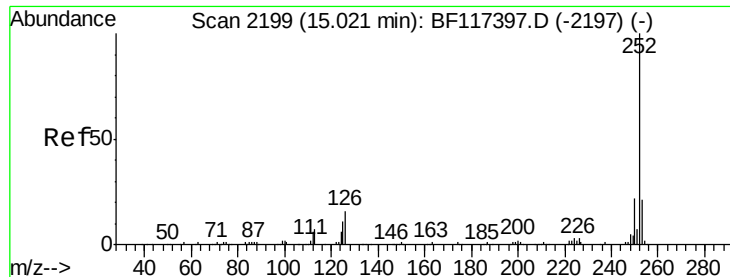


#88
Benzo(b)fluoranthene
Concen: 77.932 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:252 Resp: 498377

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.7	8.2	12.2

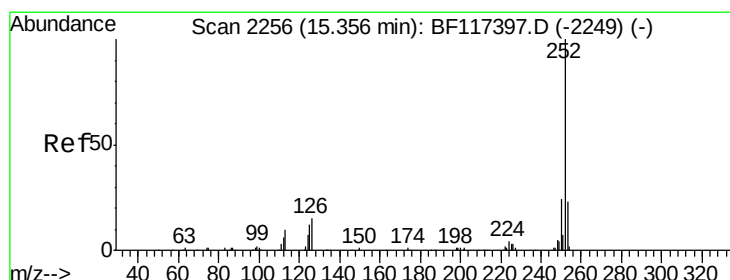
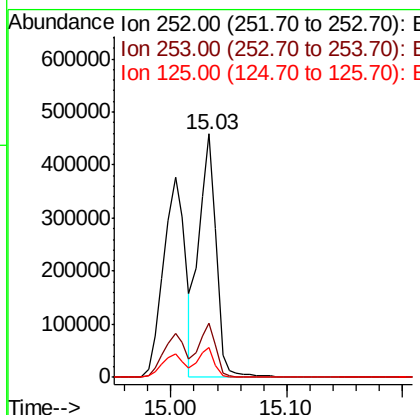
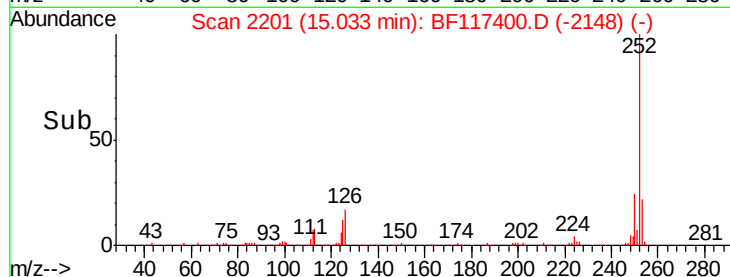
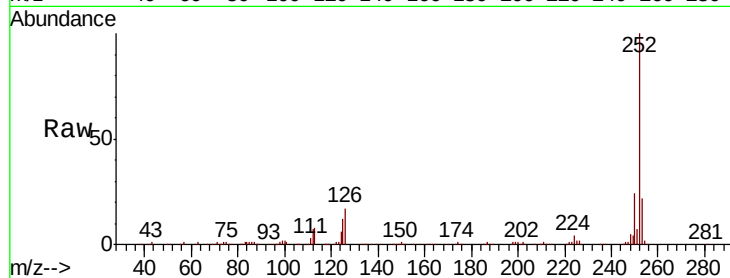




#89
Benzo(k)fluoranthene
Concen: 80.074 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

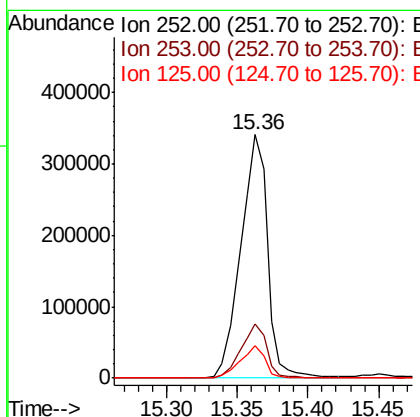
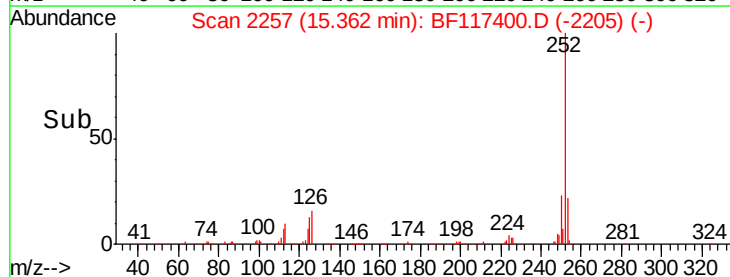
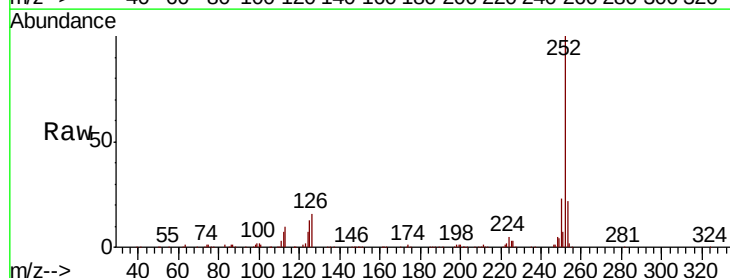
Instrument :
BNA_F
ClientSampleId :

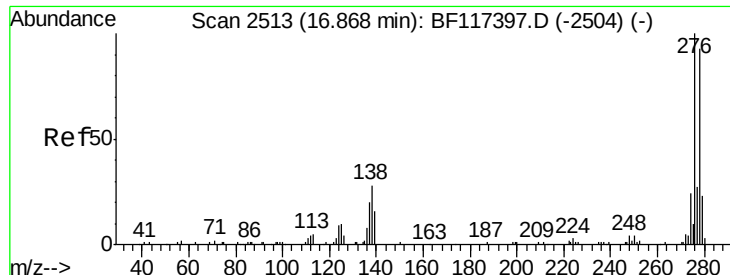
Tot Ion:252 Resp: 485077
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.1 9.4 14.2



#90
Benzo(a)pyrene
Concen: 80.591 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF117400.D
Acq: 14 Oct 2019 14:23

Tgt Ion:252 Resp: 452256
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 13.1 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 94.362 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

Instrument :

BNA_F

ClientSampleId :

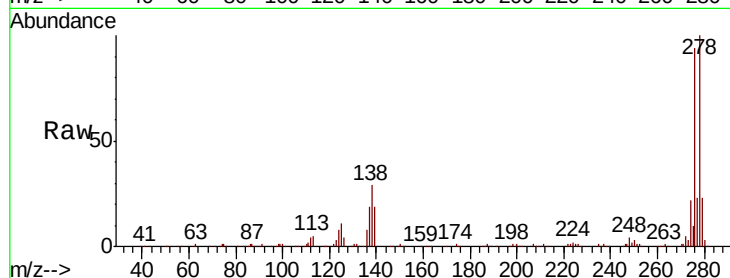
Tot Ion:278 Resp: 421846

Ion Ratio Lower Upper

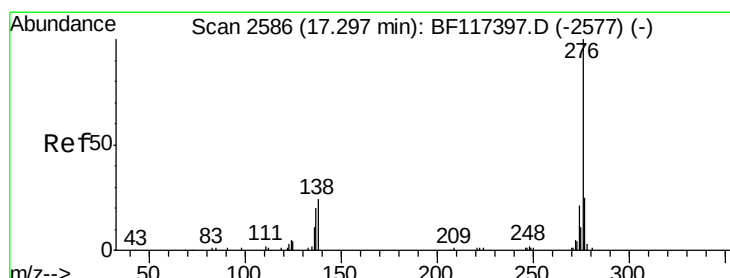
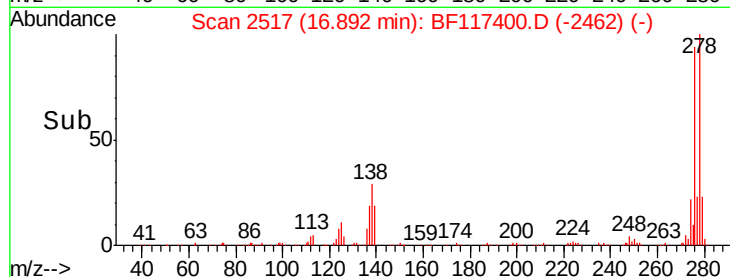
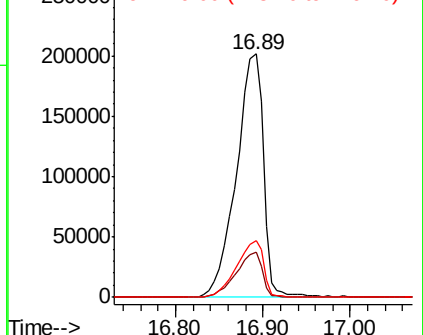
278 100

139 18.7 14.1 21.1

279 23.4 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 93.209 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.02 min

Lab File: BF117400.D

Acq: 14 Oct 2019 14:23

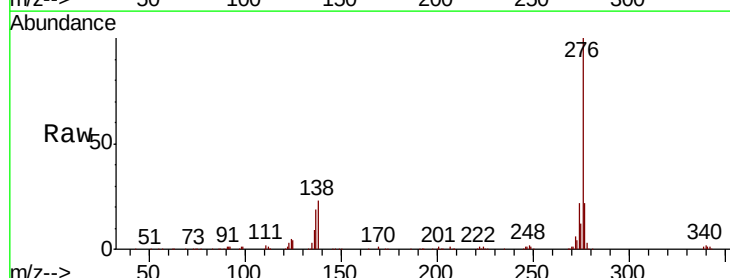
Tgt Ion:276 Resp: 415229

Ion Ratio Lower Upper

276 100

277 22.5 19.9 29.9

138 22.7 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

